

MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEETPAGE # 1Client: LAW ASSOC/ KENNESAWAccelerating Voltage: 100 KVSample ID: # 8Indicated Mag: 20 25KX
Screen Mag: 15414 20KXMAS Job Number: M 2140-8Microscope Number: 1 2 3Date Sample Analyzed: 25-Aug-90 Grid 1
26-Aug-90 Grid 2Filter Type: MCE PC Other =
Filter Size: 25mm 37mm 47Number of Openings/Grids Counted: 2 1 2Filter Pore Size (um): 0.22Grid Accepted, 600X: Yes No 6%Grid Opening: 1) 99.1 um x 99.Analyst: W.P. Smith2) ^{wps} 91.2 um x 90.Dilution Factor: 1: 1000Calculating Results For Verbal Issue:

Effective Filter Area:

(A) 1339

Number of Grid Openings Examined:

(B) 2

Average Grid Opening Area in sq. mm:

(C) 0.009005

Volume of Liquid Filtered in ml:

(D) 0.1

Area Sampled in Sq. Ft.:

(E) 0.666

Number of Asbestos Structures Counted:

(F) 107STRUCTURES PER SQ. FT. FORMULA:

$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{1}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

Calculations:

$$\frac{1339}{2} \cdot \frac{0.009005}{0.11} \cdot \frac{1}{0.666} \cdot 107 = 1.194 \times 10^4$$

CLIENT:

Law Assoc. / KENNESAW

PAGE #

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S JOB NUMBER:

M- 2140-B

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	F	1.8	0.2	✓	✓	✓
2		C	F	1.0	0.15	✓	✓	P.O.
3		C	F	3.0	0.15	✓	✓	
4		C	F	1.0	0.15	✓	✓	
5		C	F	0.7	0.1	✓	✓	✓
6		C	F	2.5	0.2	✓	✓	
7		C	F	2.7	0.2	✓	✓	
8		C	F	2.0	0.2	✓	✓	
9		C	F	0.9	0.15	✓	✓	✓
10		C	F	2.5	0.2	✓	✓	
11		C	M	7	0.3	✓	✓	P.O.
12		C	M	8	0.3	✓	✓	
13		C	F	2.0	0.2	✓	✓	
14		C	F	3.5	0.2	✓	✓	
15		C	F	2.0	0.15	✓	✓	
16		C	F	1.9	0.15	✓	✓	
17		C	F	4.0	0.2	✓	✓	
18		C	F	3.5	0.2	✓	✓	
19		C	F	2	0.2	✓	✓	
20		C	F	8	0.2	✓	✓	P.O.
21		C	C	2	0.7	✓	✓	
22		C	F	7	0.2	✓	✓	
23		C	M	3.5	1.0	✓	✓	
24		C	F	2	0.15	✓	✓	
25		C	F	1.5	0.2	✓	✓	
26		C	F	10	0.2	✓	✓	
27		C	F	1	0.15	✓	✓	✓
28		C	F	7	0.2	✓	✓	
29		C	F	2.5	0.2	✓	✓	
30		C	F	2.2	0.2	✓	✓	P.O.

CLIENT:

LOW ASSOC. / KENNESAWPAGE # 315

JOB NUMBER:

M- 2140-8

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
31	1-1	C	F	3.5	0.15	✓	✓	✓
32	CONT.	C	F	3.5	0.2	✓	✓	
33		C	F	2.2	0.2	✓	✓	
34		C	F	6	0.15	✓	✓	
35		C	F	5	0.2	✓	✓	
36		C	C	2	1	✓	✓	
37		C	F	2	0.15	✓	✓	
38		C	F	10	0.2	✓	✓	P.O.
39		C	F	3.5	0.2	✓	✓	
40		C	F	3	0.15	✓	✓	
41		C	F	3.6	0.3	✓	✓	
42	2-1	C	F	4	0.2	✓	✓	
43		C	F	10	0.5	✓	✓	
44		C	F	3.5	0.1	✓	✓	
45		C	F	1.9	0.15	✓	✓	
46		C	F	1.1	0.2	✓	✓	
47		C	F	1.1	0.15	✓	✓	✓
48		C	F	2.2	0.2	✓	✓	P.O.
49		C	F	4	0.2	✓	✓	
50		C	C	4	0.5	✓	✓	
51		C	C	3	0.6	✓	✓	
52		C	F	2	0.2	✓	✓	
53		C	F	3	0.3	✓	✓	
54		C	M	2	0.9	✓	✓	
55		C	F	2	0.3	✓	✓	
56		C	F	2	0.15	✓	✓	
57		C	M	5	0.2	✓	✓	!
58		C	F	9	0.3	✓	✓	P.O.
59		C	M	2.5	0.15	✓	✓	
60		C	F	1.0	0.15	✓	✓	✓

CLIENT:

LOW ASSOC. / KENNESAW

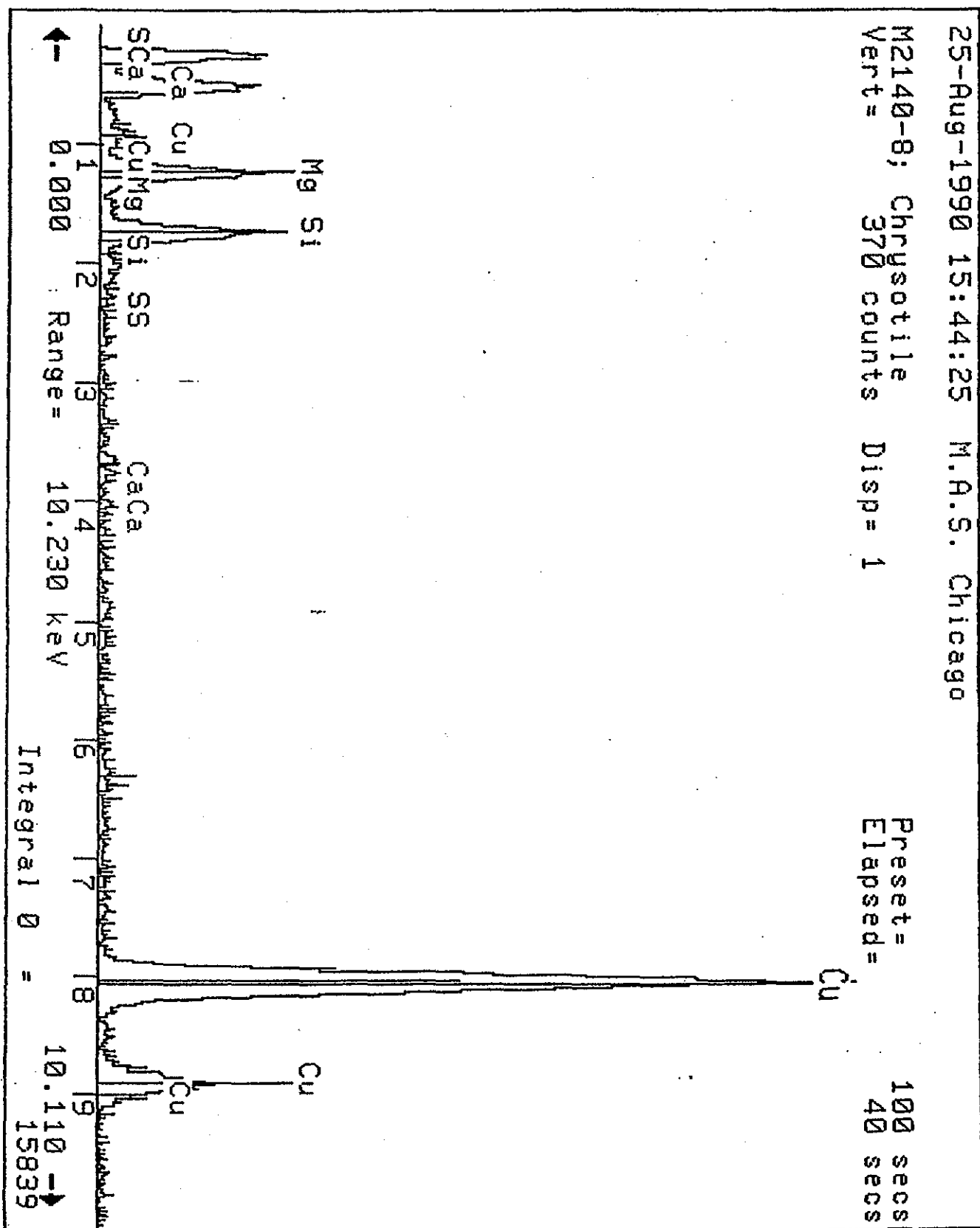
PAGE #

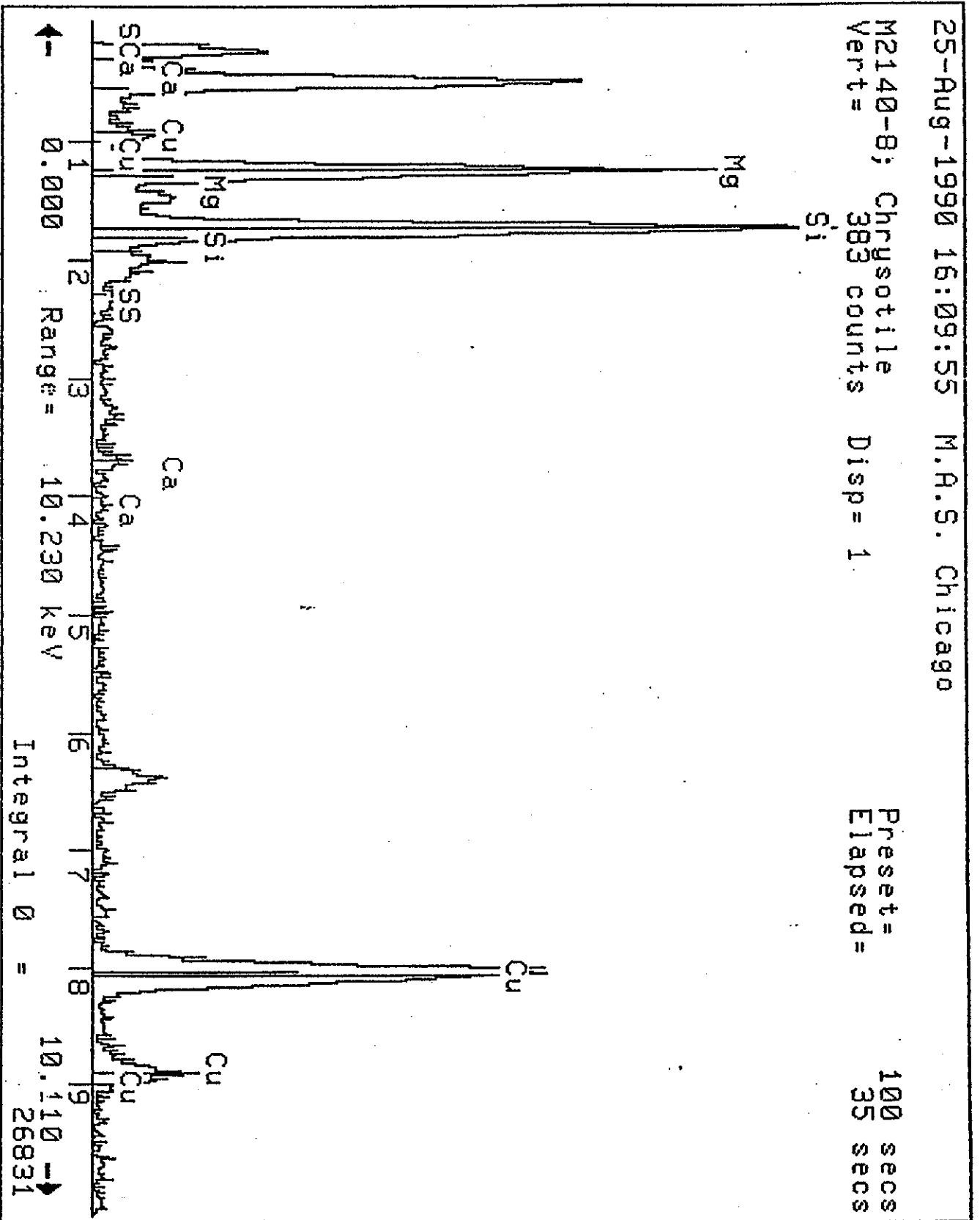
415

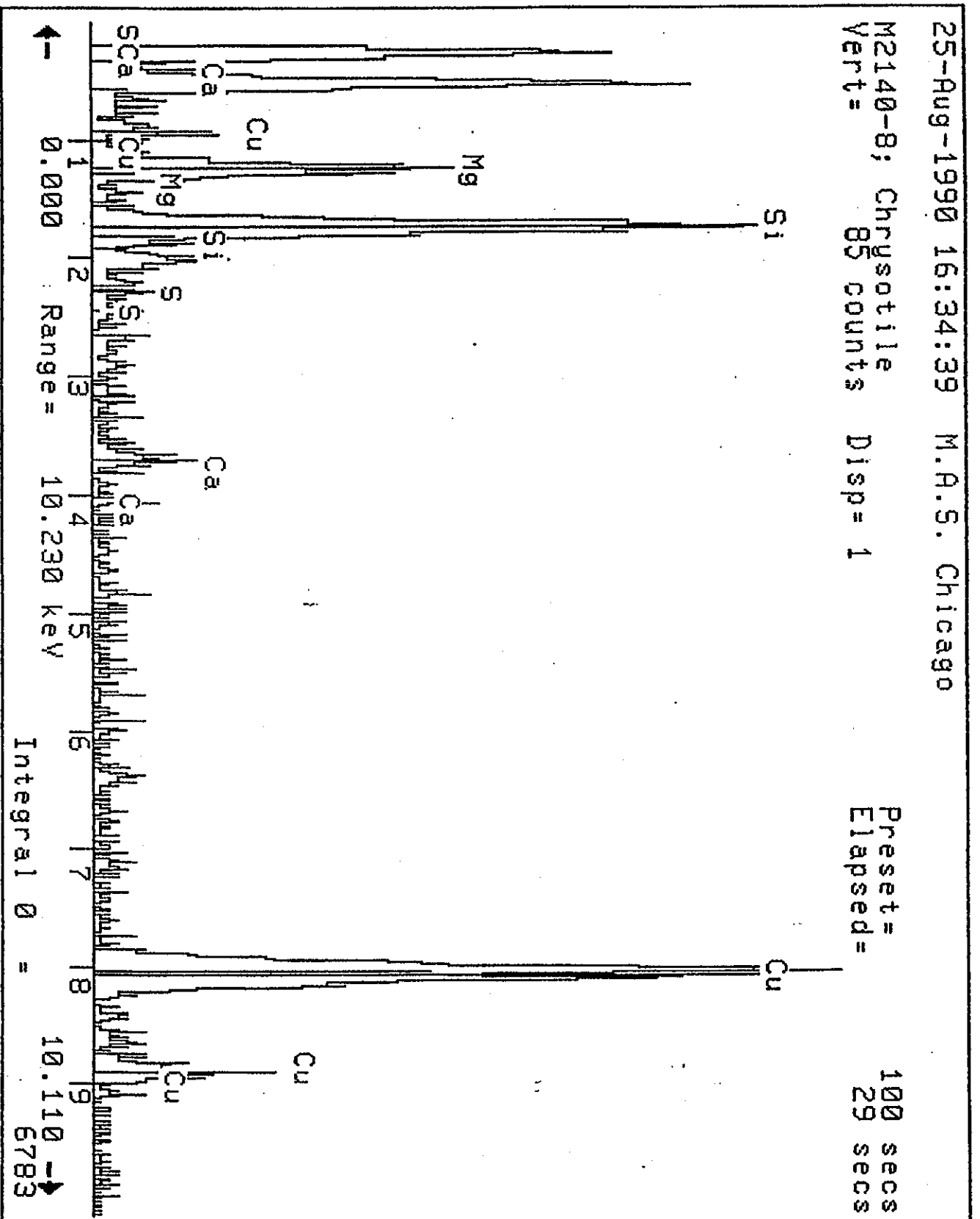
JOB NUMBER:

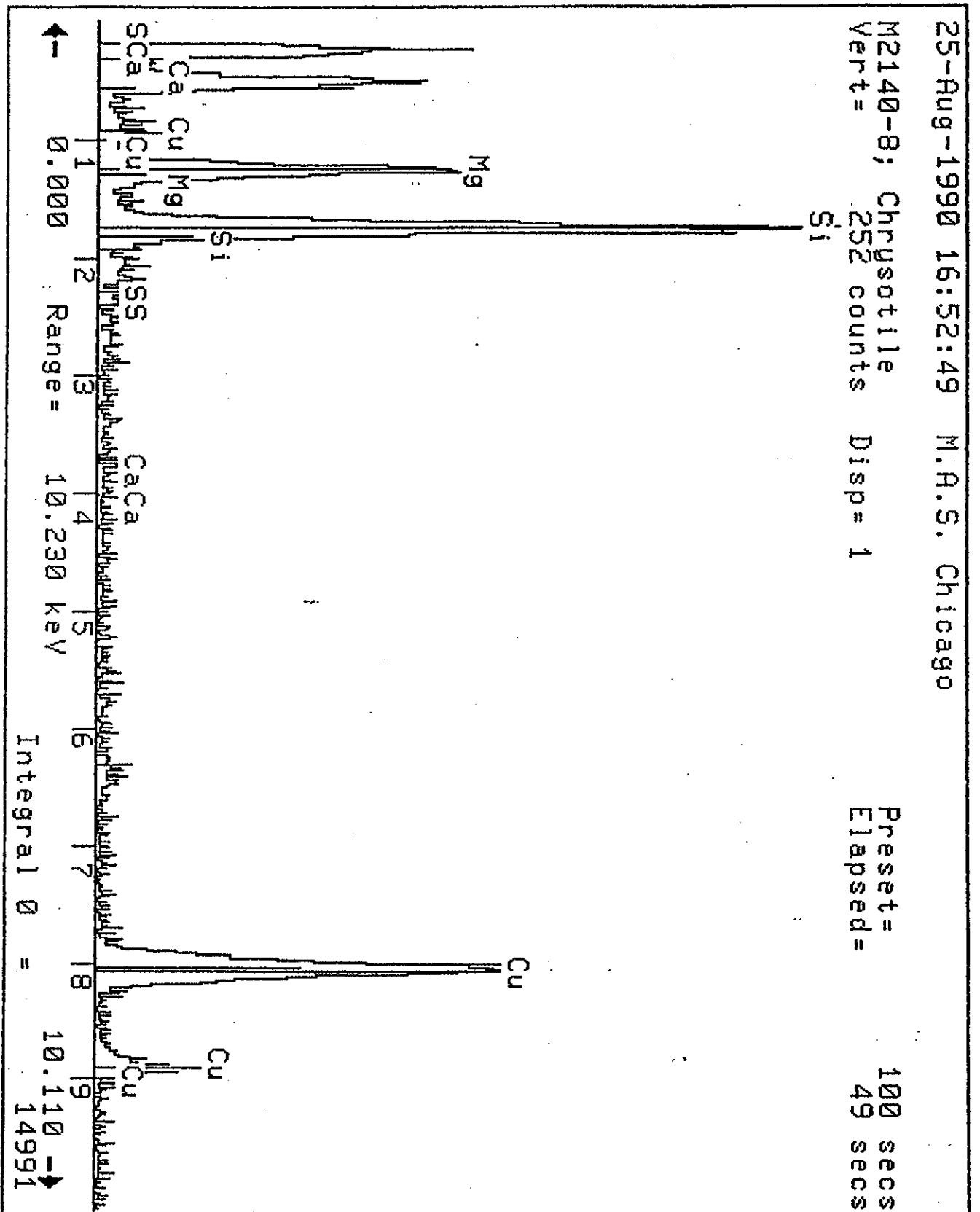
M- 2140-8

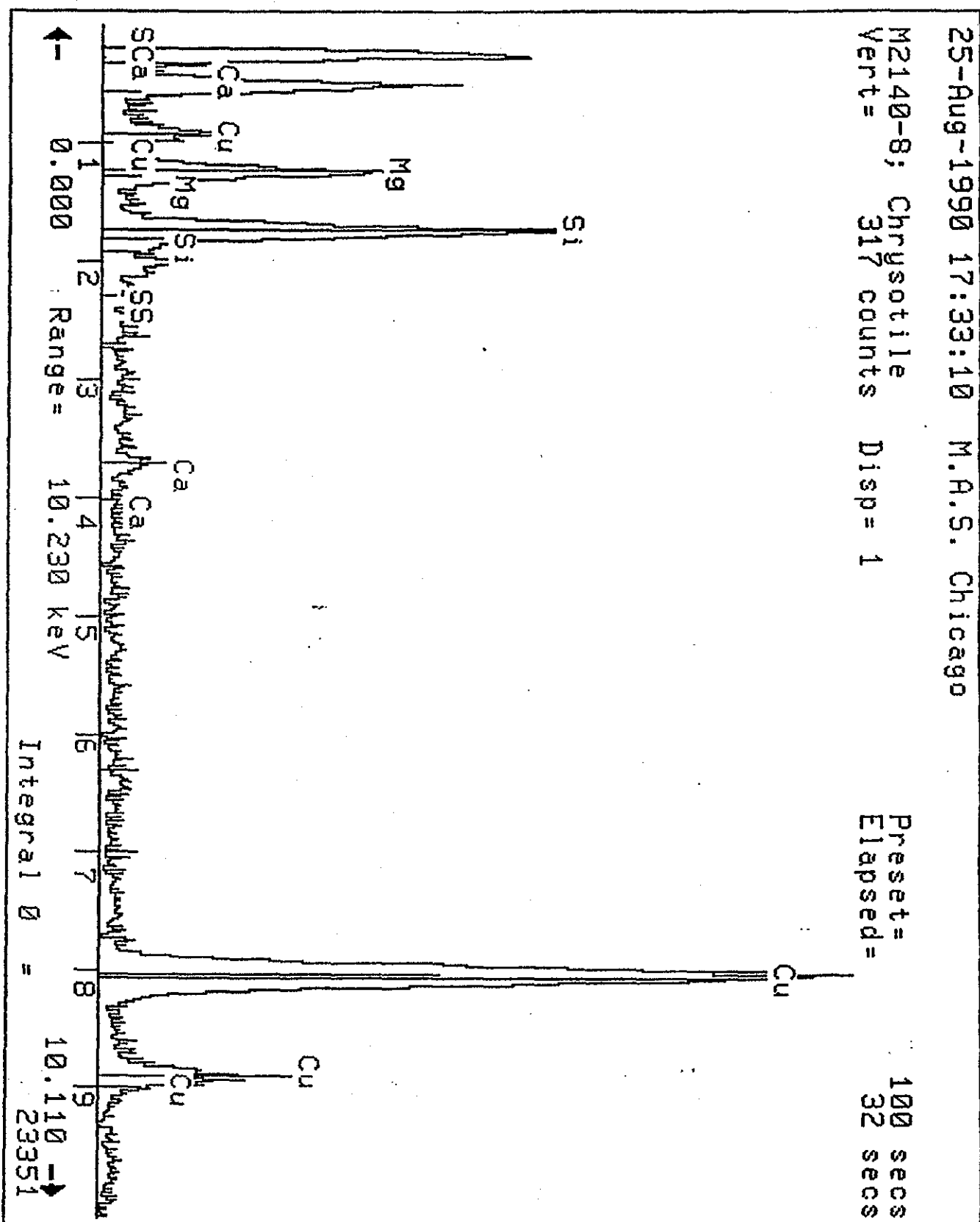
STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
61	2-1	C	F	1.7	0.2	✓	✓	
62	CONT.	C	M	0.9	0.1	✓	✓	✓
63		C	F	0.9	0.1	✓	✓	✓
64		C	F	1.8	0.15	✓	✓	
65		C	F	0.9	0.1	✓	✓	
66		C	M	1	0.15	✓	✓	✓
67		C	B	3	0.3	✓	✓	
68		C	M	4	0.8	✓	✓	P.O.
69		C	F	1	0.15	✓	✓	
70		C	F	30	0.3	✓	✓	
71		C	F	24	0.3	✓	✓	
72		C	F	2	0.15	✓	✓	
73		C	F	3	0.2	✓	✓	
74		C	F	0.9	0.15	✓	✓	
75		C	F	3	0.15	✓	✓	
76		C	F	1.8	0.2	✓	✓	
77		C	F	18	0.2	✓	✓	
78		C	F	8	0.2	✓	✓	P.O.
79		C	F	1.7	0.2	✓	✓	
80		C	F	5	0.2	✓	✓	
81		C	M	2	0.2	✓	✓	
82		C	M	1	0.15	✓	✓	
83		C	F	1.9	0.1	✓	✓	
84		C	F	1	0.1	✓	✓	✓
85		C	F	2.5	0.2	✓	✓	
86		C	F	3	0.2	✓	✓	
87		C	F	3	0.3	✓	✓	
88		C	F	2	0.2	✓	✓	
89		C	F	2.3	0.15	✓	✓	
90		C	F	6	0.3	✓	✓	P.O.

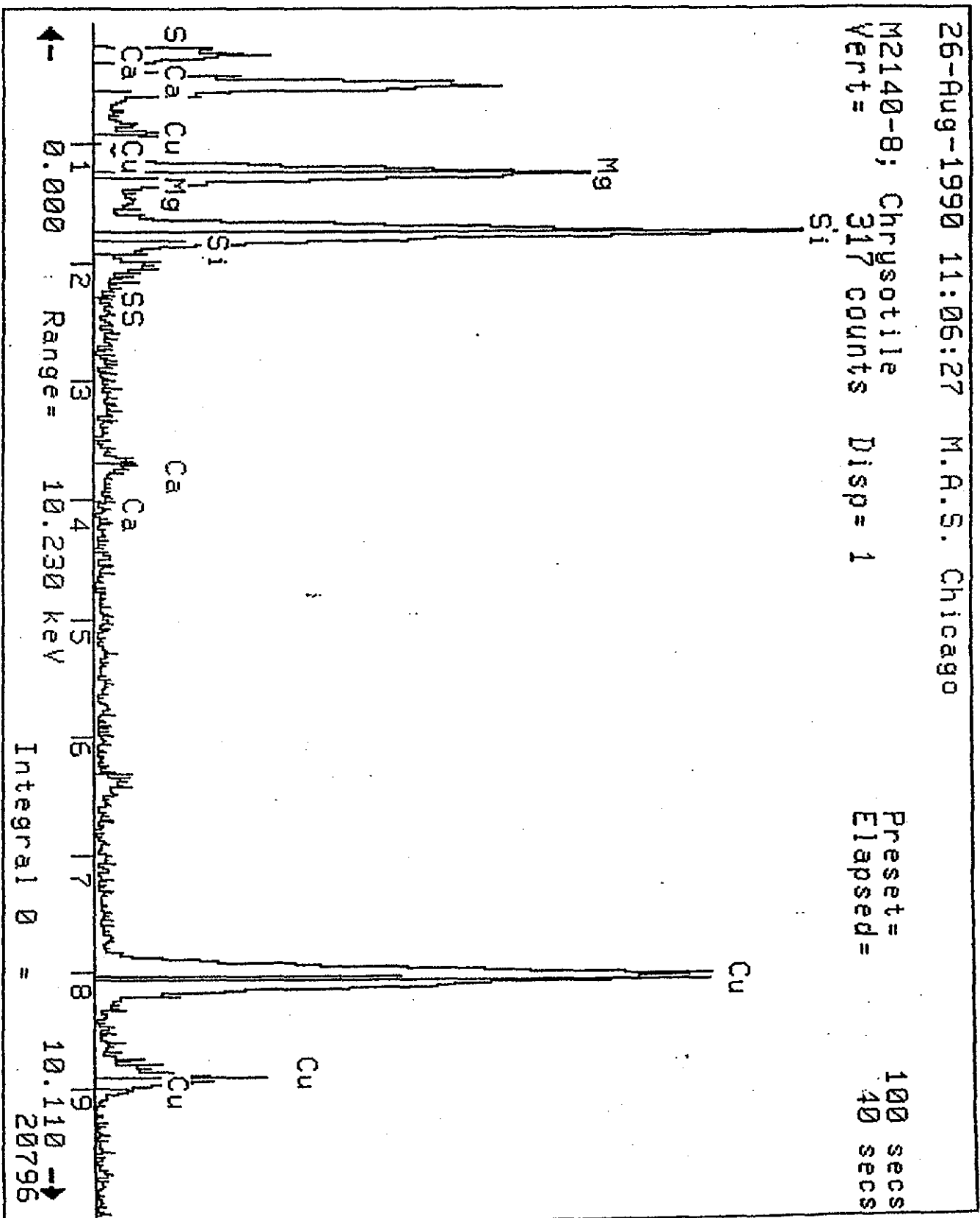


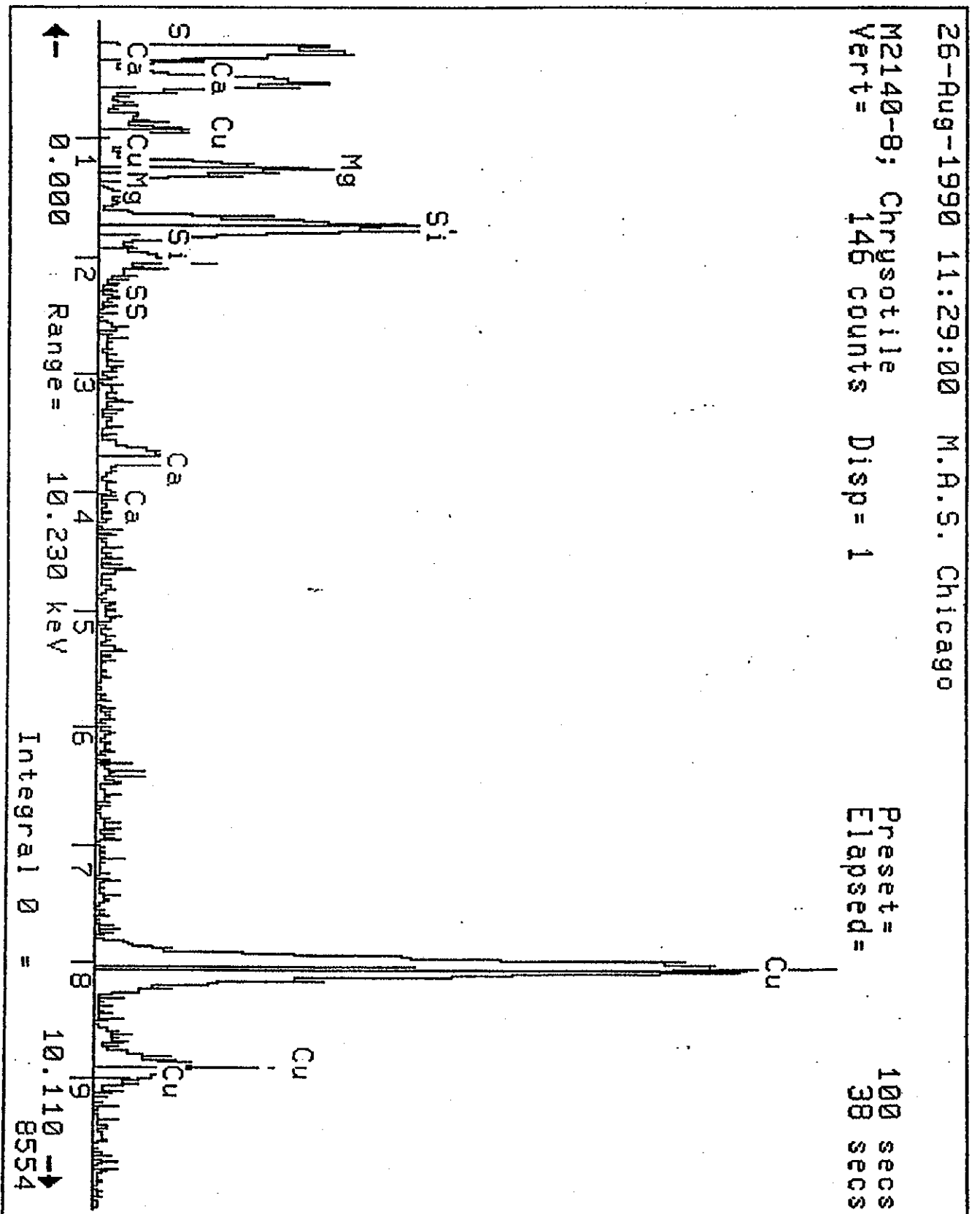


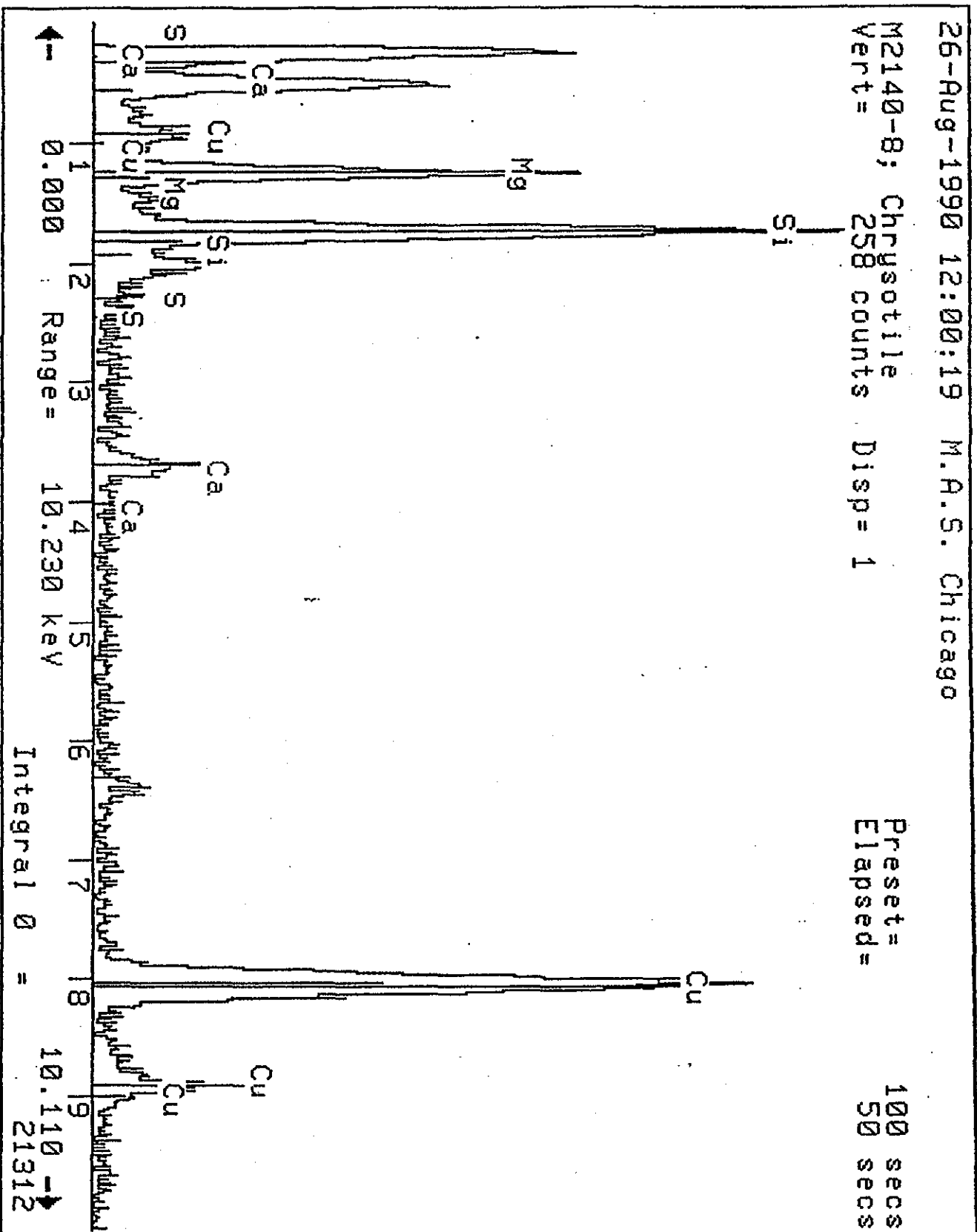


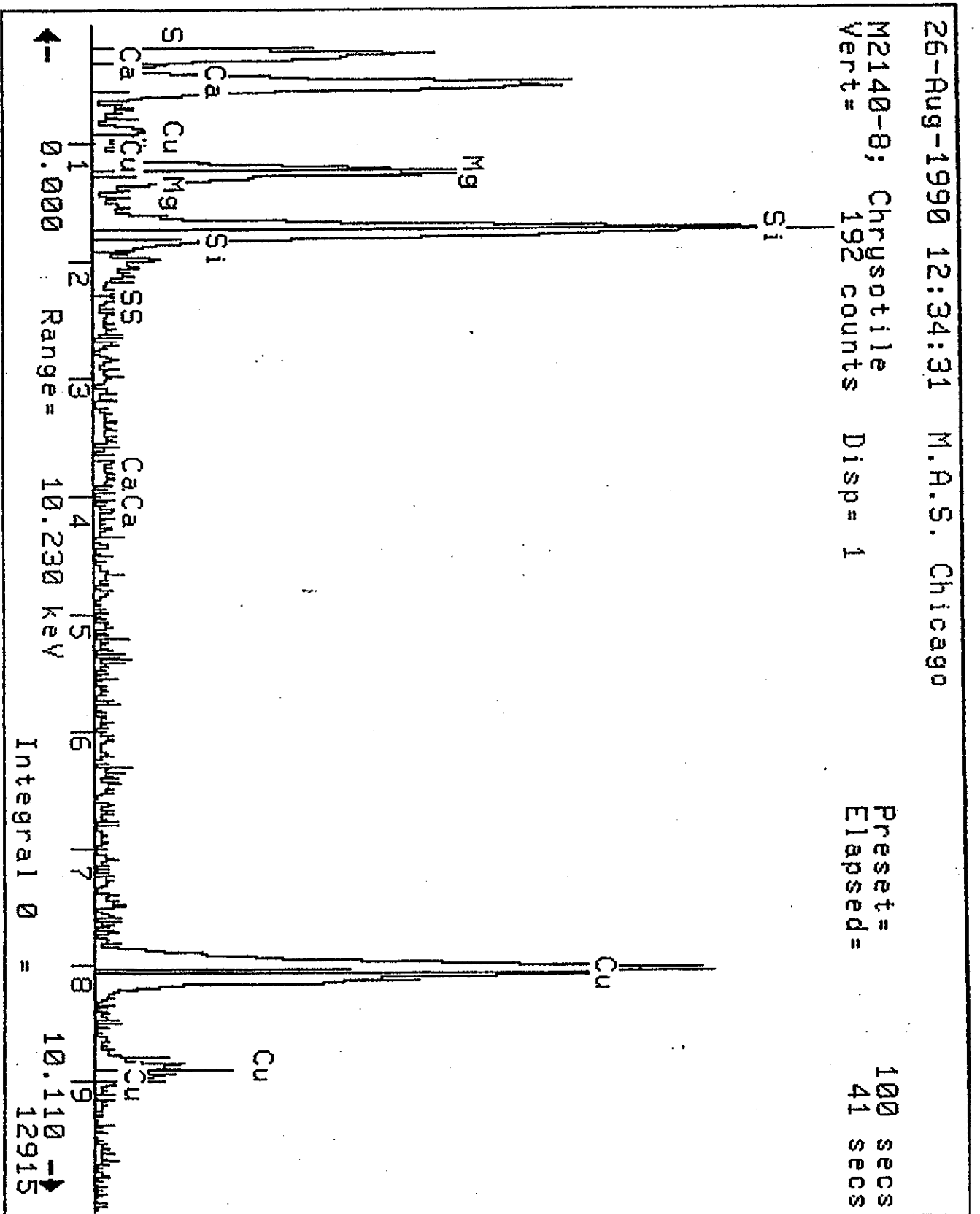


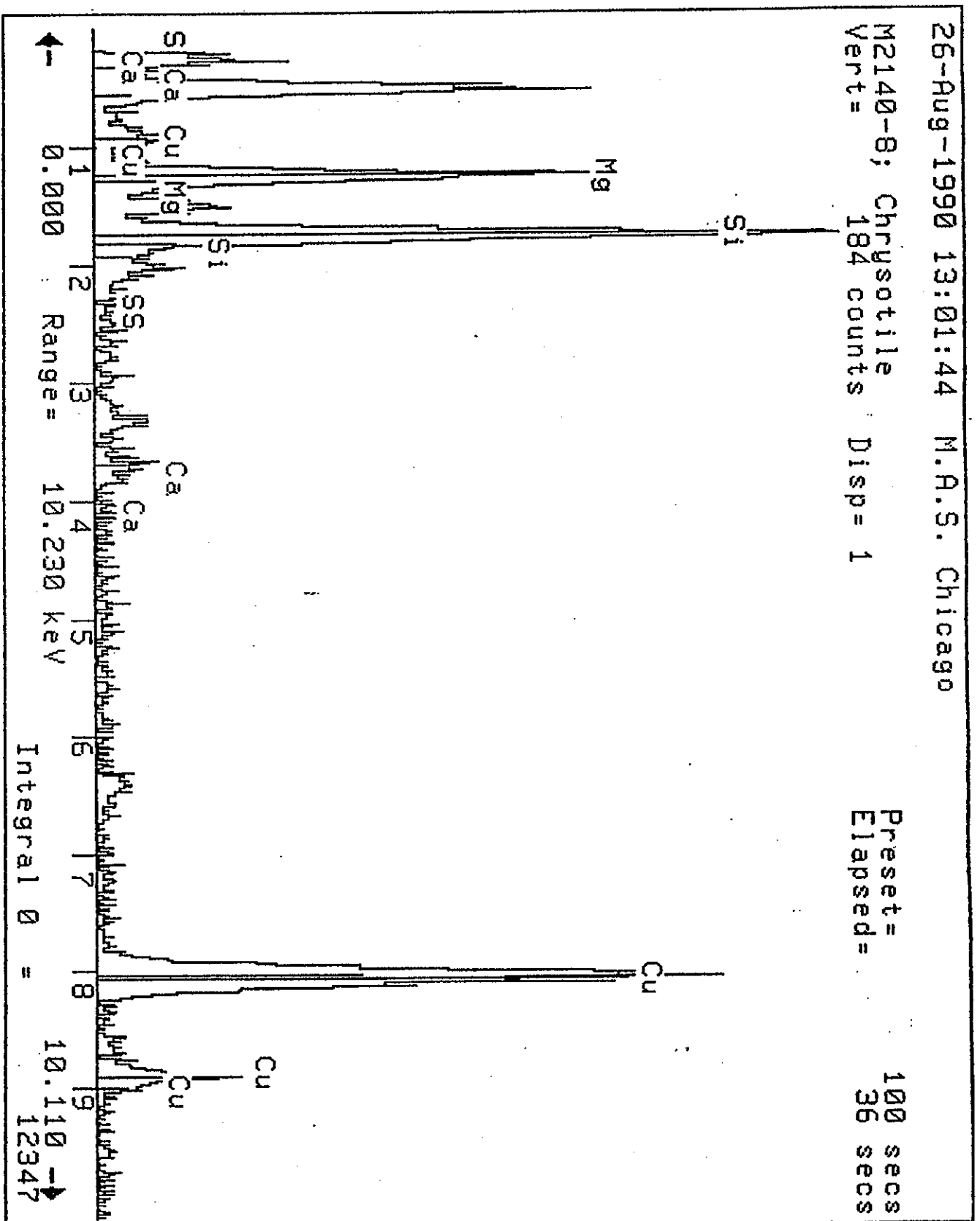


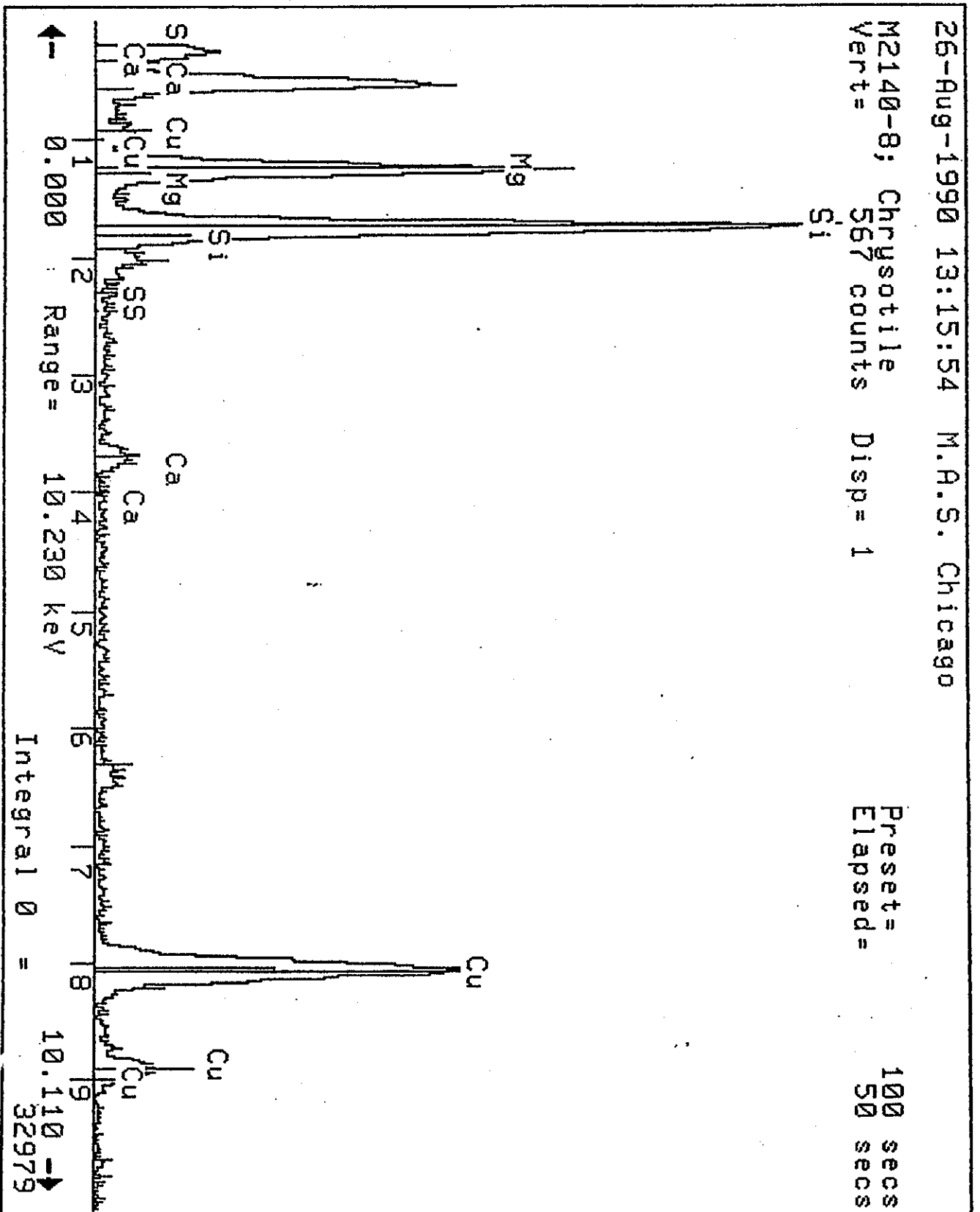


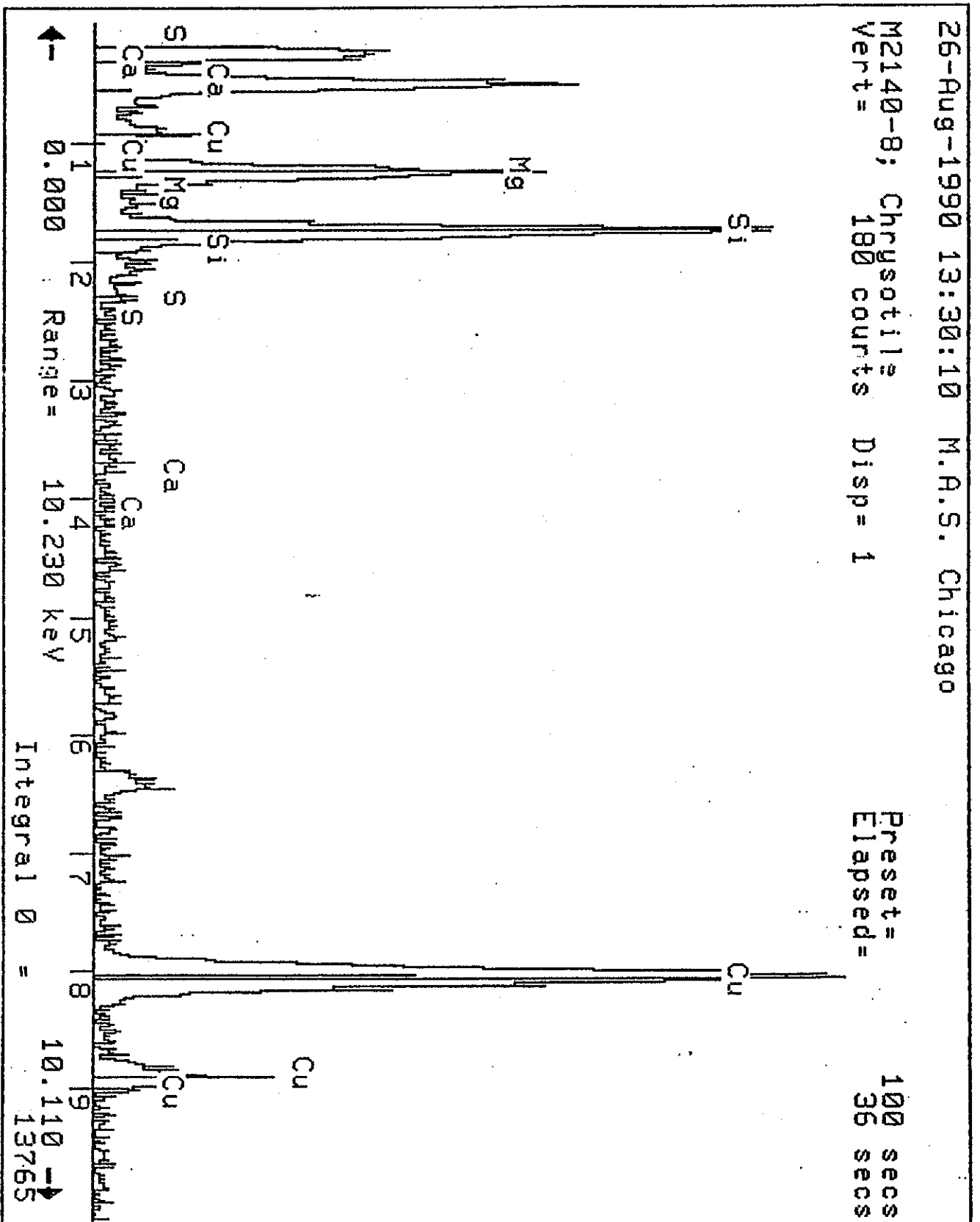












MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEETPAGE # 11

Client: LAW ASSOC/ KENNEDY Accelerating Voltage: 100 KV

Sample ID: # 9 Indicated Mag: 70 - 25KX
Screen Mag: 15414 20KX

MAS Job Number: M 2140-9 Microscope Number: 1 2 3
Date Sample Analyzed: 26-Aug-90 Grid 1 Filter Type: MCE, PC, Other =
28-Aug-90 Grid 2 Filter Size: 25mm, 37mm, 47mm

Number of Openings/Grids Counted: 10.1 2 Filter Pore Size (um): 0.22

Grid Accepted, 600X: (Yes) No 590 Grid Opening: 1) 93.7 um x 89.1
Analyst: W.P. Smith / A. Harnan Grid 2 2) 90 um x 84.1

Dilution Factor: 1: 143

Calculating Results For Verbal Issue:

Effective Filter Area: (A) 1739

Number of Grid Openings Examined: (B) 10

Average Grid Opening Area in sq. mm: (C) 0.007977

Volume of Liquid Filtered in ml: (D) 0.7

Area Sampled in Sq. Ft.: (E) 1

Number of Asbestos Structures Counted: (F) 48

STRUCTURES PER SQ. FT. FORMULA:

$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{1}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

Calculations:

$$\frac{1739}{10} \cdot \frac{0.007977}{0.7} \cdot \frac{1}{1} \cdot 48 = 1.151 \times 10^3$$

CLIENT:

LAW ASSOC/ KENNEDYPAGE # 213

MAS JOB NUMBER:

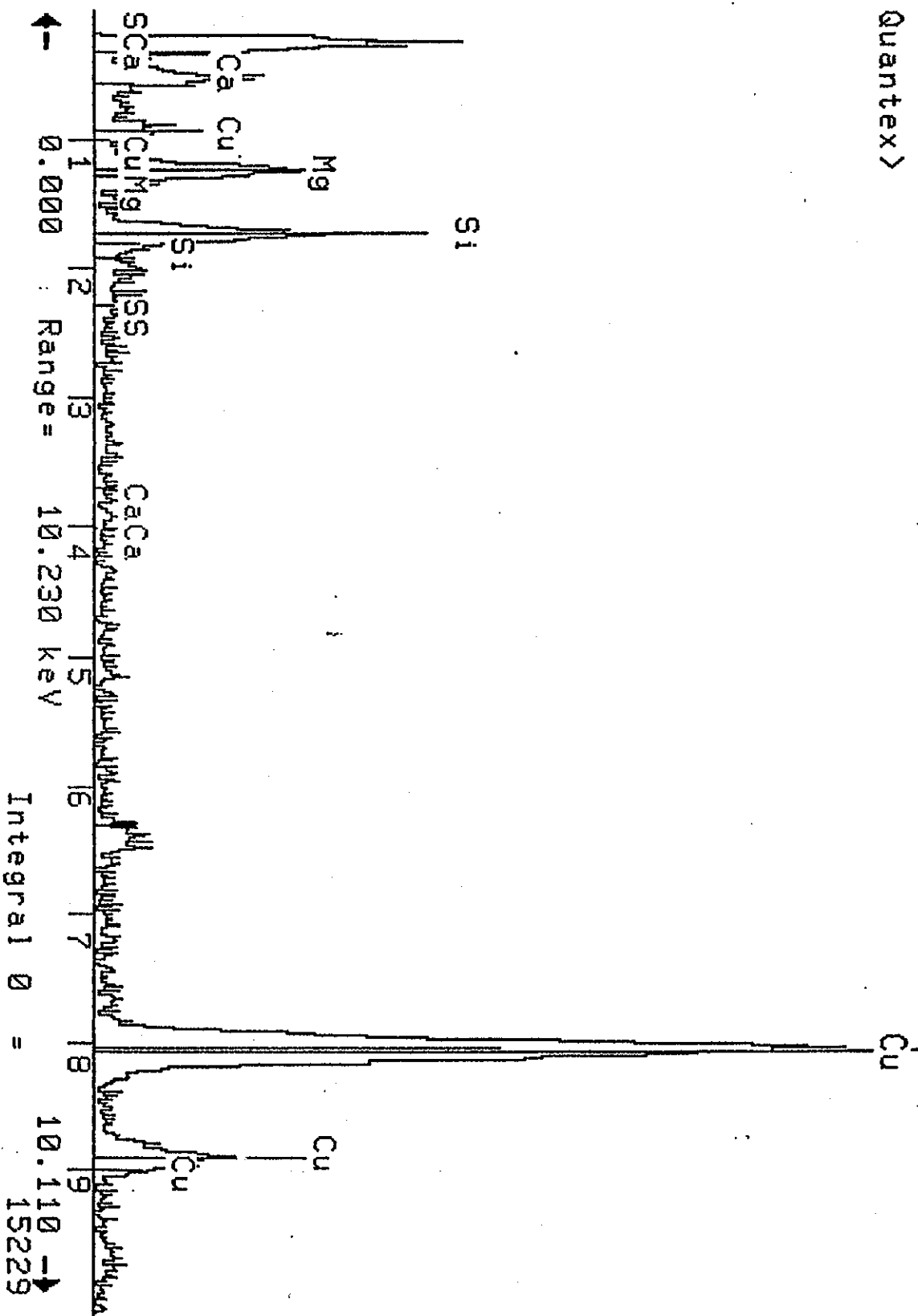
M-240-9

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	F	0.6	0.1	✓	✓	PO✓
2		C	F	0.7	0.1	✓	✓	✓
3	1-2	C	M	1	0.1	✓	✓	✓
4		C	M	0.8	0.1	✓	✓	✓
5		C	F	1.5	0.2	✓	✓	✓
6		C	F	2	0.1	✓	✓	✓
7	1-3	C	F	2.5	0.3	✓	✓	✓
8		C	F	1.4	0.1	✓	✓	✓
9		C	F	1.7	0.15	✓	✓	✓
10		C	F	1.2	0.15	✓	✓	✓
11		C	F M	1.6	0.15	✓	✓	P.O.
12		C	F	1.6	0.15	✓	✓	✓
13		C	F	0.9	0.1	✓	✓	✓
14		C	F	1.6	0.15	✓	✓	✓
15		C	F	1.2	0.1	✓	✓	✓
16		C	F	6	0.2	✓	✓	✓
17		C	F	3.5	0.2	✓	✓	✓
18	1-4	C	F	1.5	0.1	✓	✓	✓
19		C	M	1	0.1	✓	✓	✓
20	1-5	C	F	2	0.1	✓	✓	✓
21		C	M	1.2	0.1	✓	✓	P.O.
22	2-1	C	B	210	0.13	—	—	
2423 AH		C	B	315	0.12	—	—	
2524 AH		C	f	314	0.1	—	—	
2625 AH		C	f	015	0.1	—	—	
2726 AH		C	f	114	0.1	—	—	
2827 AH	2-2	C	M	2512	1110	✓	✓	
2928 AH		C	f	415	0.1	—	—	
29		C	f	510	0.1	—	—	
30		C	f	410	0.1	✓	—	PO

[illegible]

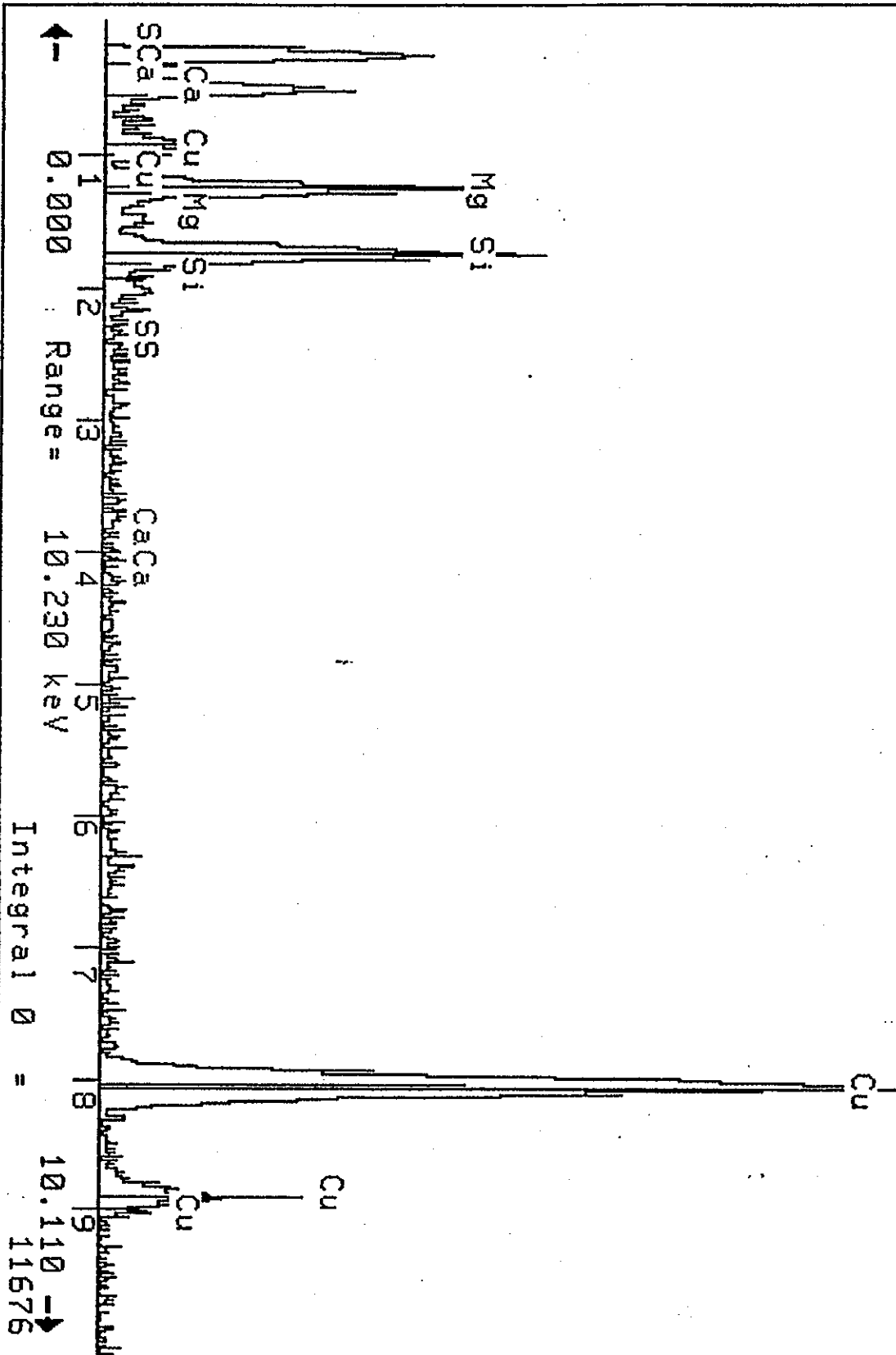
26-Aug-1990 16:04:20 M.A.S. Chicago
 Execution time = 25 seconds
 M2140-9; Chrysotile
 Vert = 274 counts Disp = 1
 Quantex>

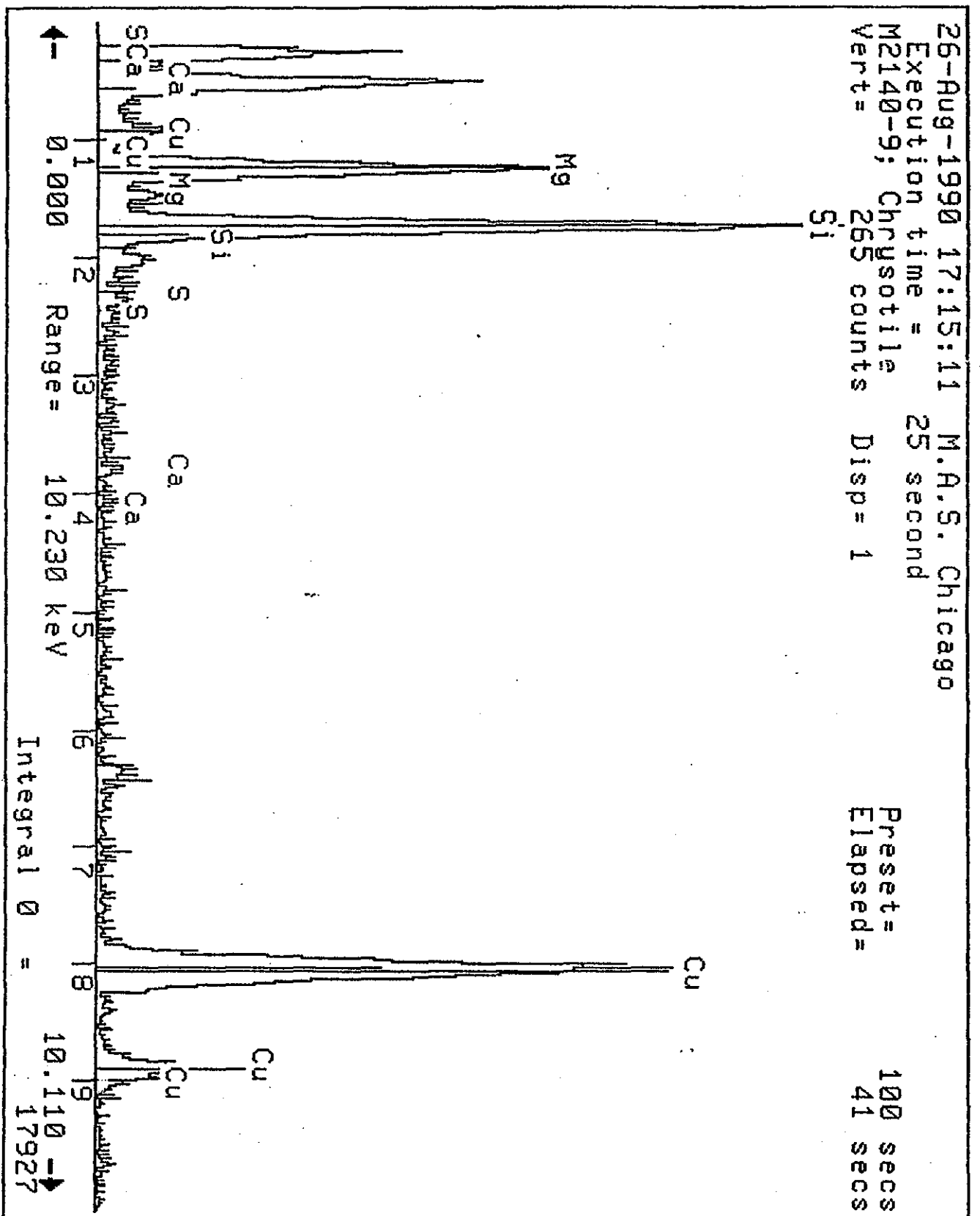
Preset = 100 secs
 Elapsed = 50 secs

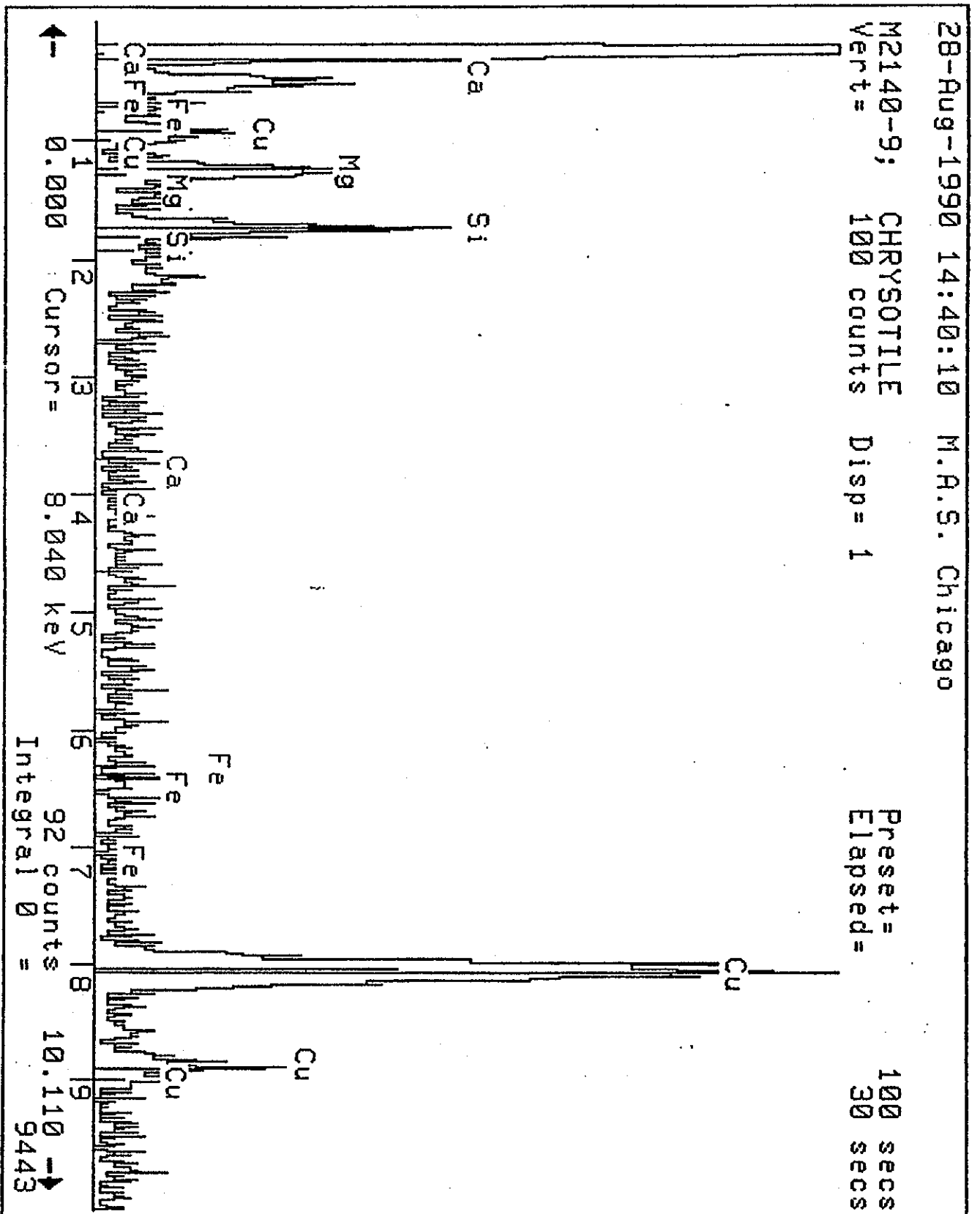


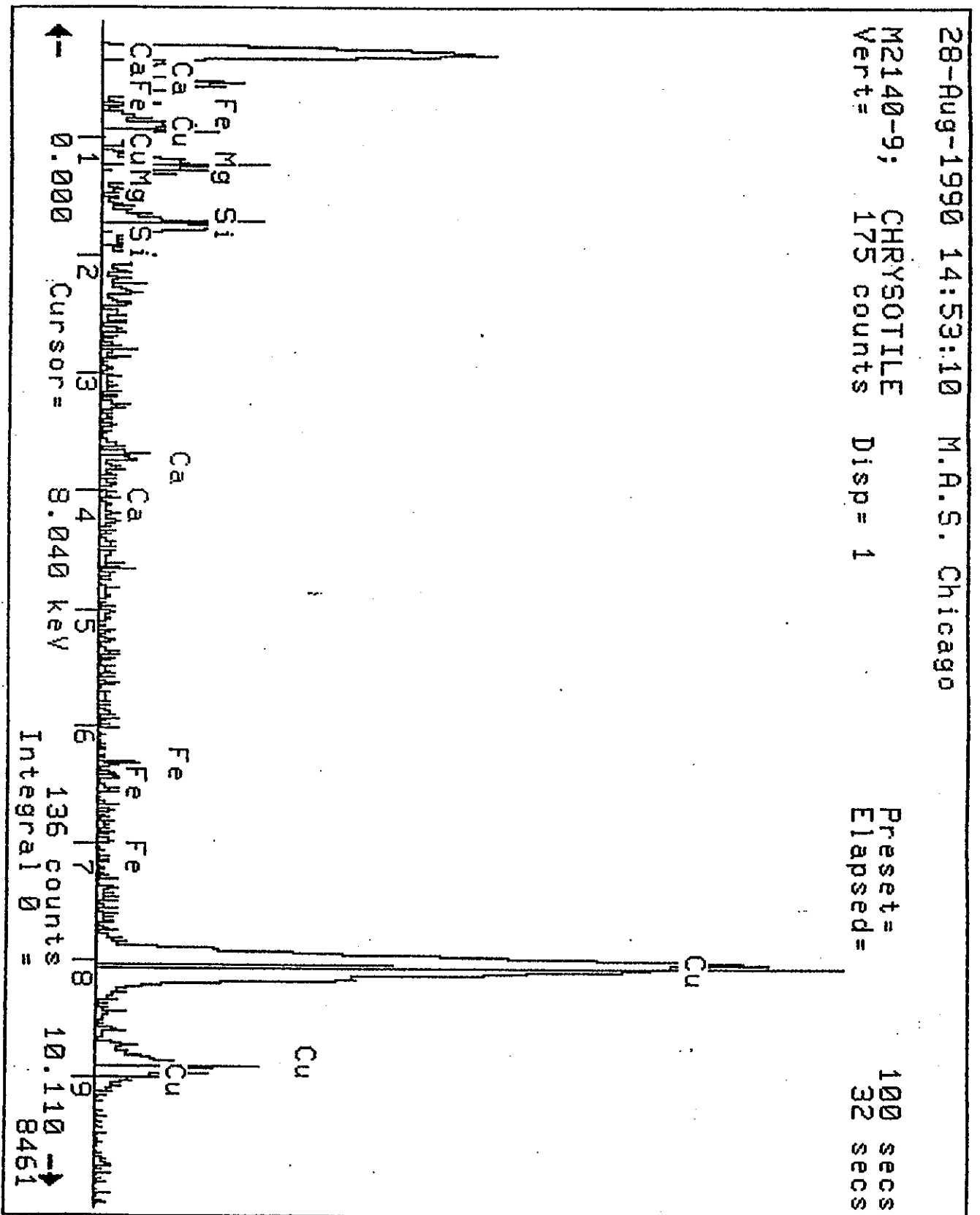
26-Aug-1990 16:46:11 M.A.S. Chicago
Execution time = 25 second
M2140-9; Chrysotile
Vert = 212 counts Disp = 1

Preset = 100 secs
Elapsed = 36 secs









MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEET

PAGE # 1/1Client: LAW ASSOC/ KENNESAWAccelerating Voltage: 100 KVSample ID: #10Indicated Mag: 20 -25KX
Screen Mag: 15414 20KXMAS Job Number: M-2140-10Microscope Number: 1 2 3Date Sample Analyzed: Grid 1 8-28-90Filter Type: MCE PC, Other =
Filter Size: 25mm, 37mm, 47mmNumber of Openings/Grids Counted: 10, 12Filter Pore Size (um): 0.22Grid Accepted, 600X: Yes NoGrid Opening: 1) 91 um x 89Analyst: W.P. Smith / C.P. Harnan2) 90.1 um x 91.5Dilution Factor: 1: 10.0 A#Calculating Results For Verbal Issue:

Effective Filter Area:

(A) 1739

Number of Grid Openings Examined:

(B) 10

Average Grid Opening Area in sq. mm:

(C) 0.008171

Volume of Liquid Filtered in ml:

(D) 10.0

Area Sampled in Sq. Ft.:

(E) 26 ^{WPS} 1

Number of Asbestos Structures Counted:

(F) 26STRUCTURES PER SQ. FT. FORMULA:

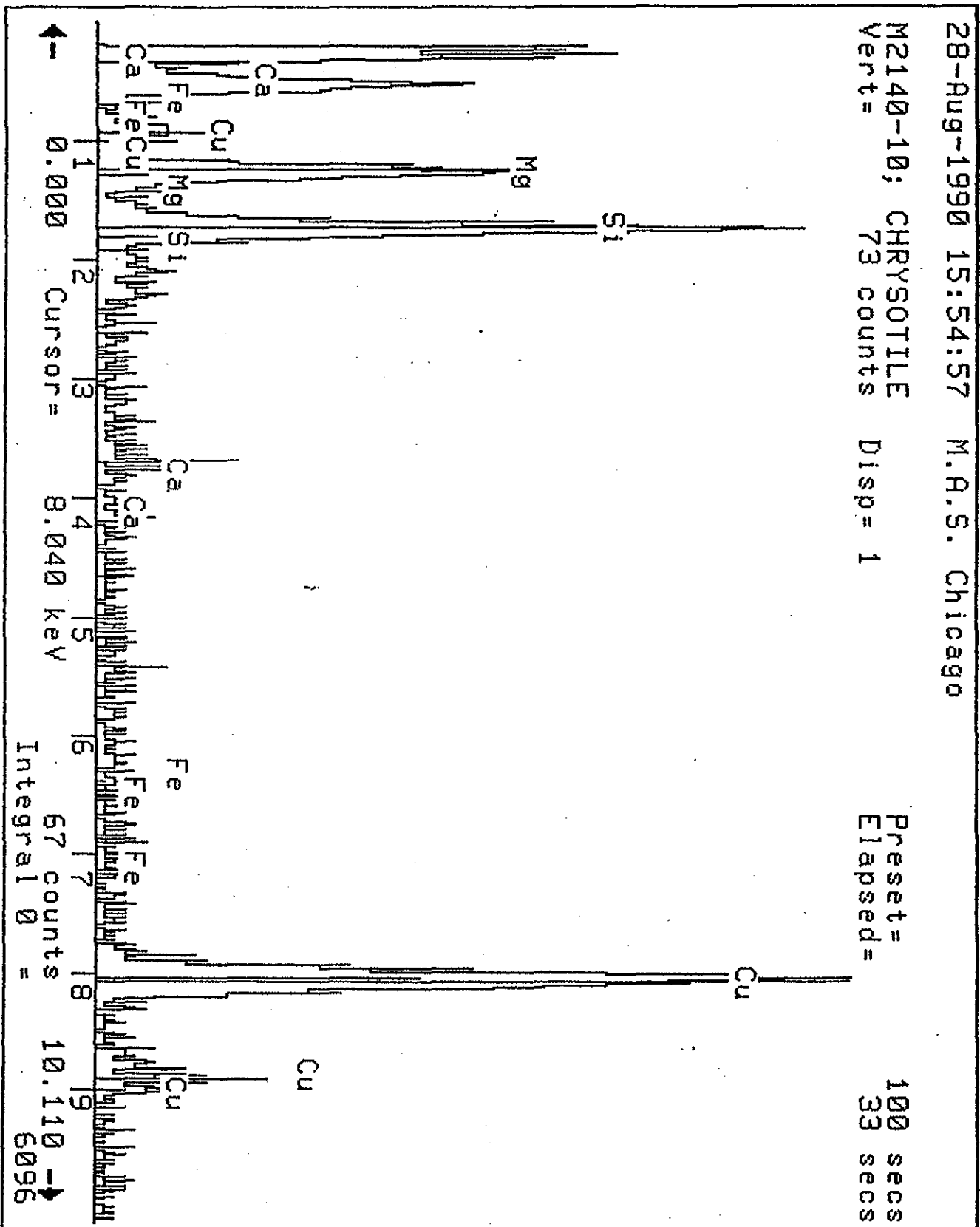
$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{1}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

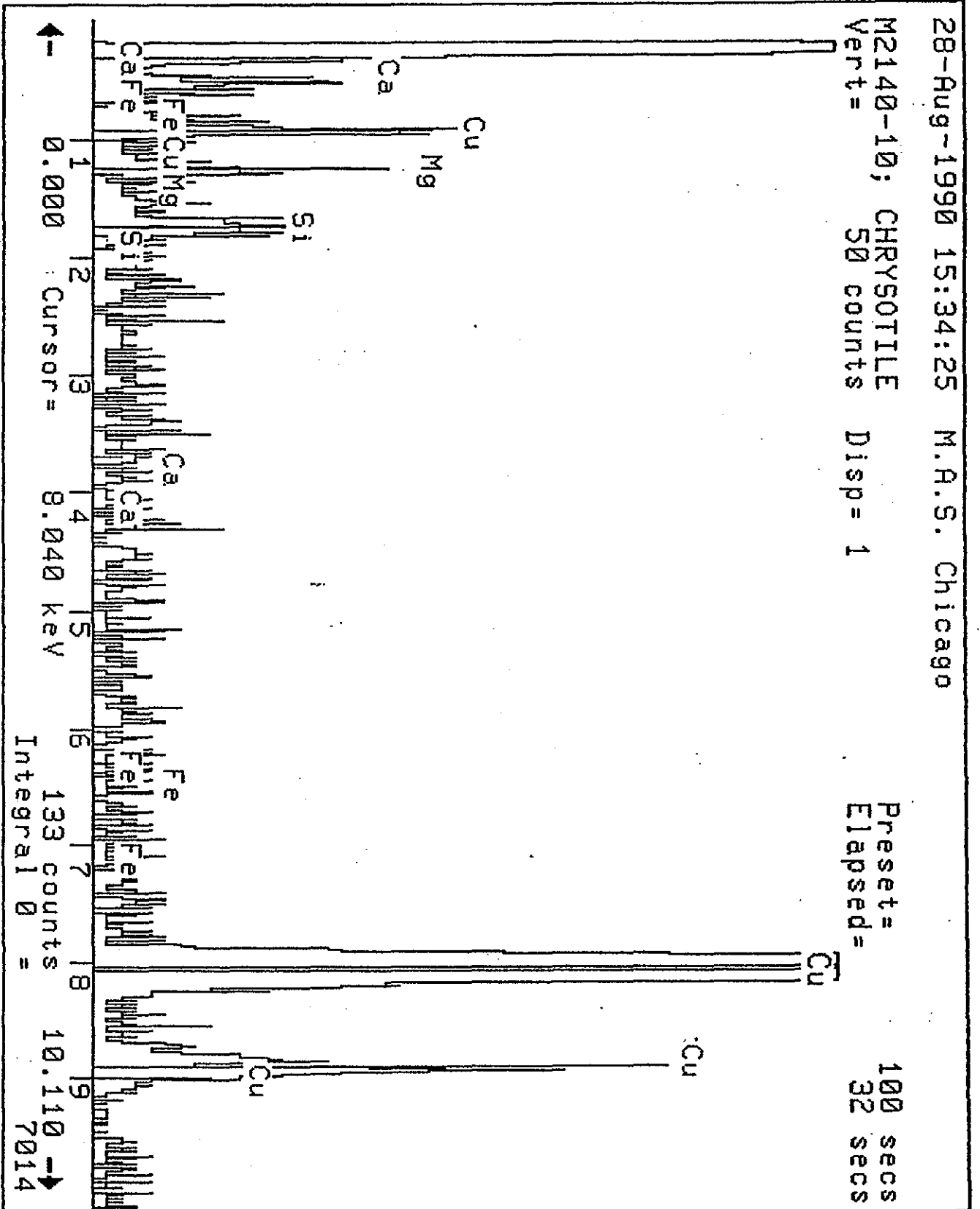
Calculations:

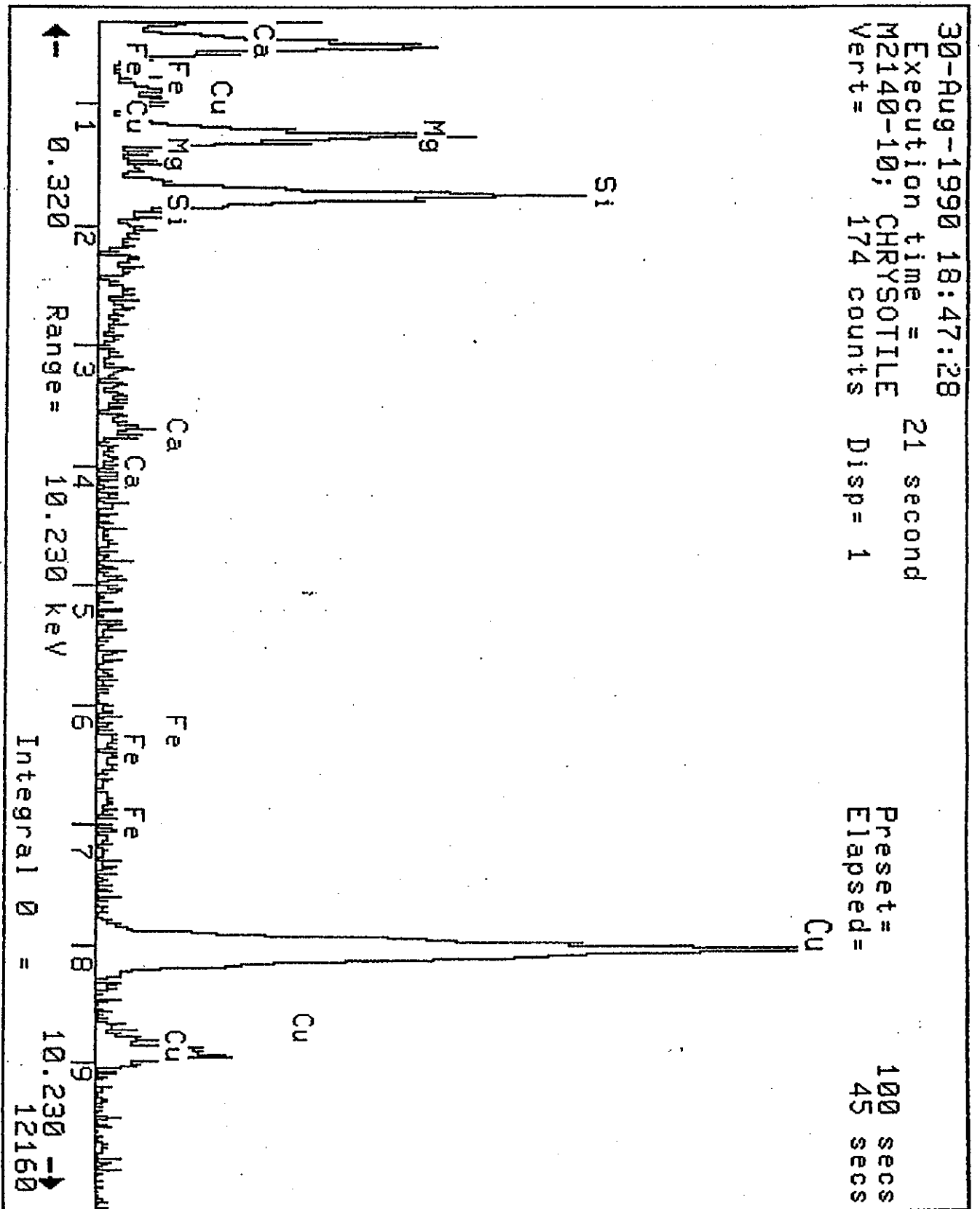
$$\frac{1739}{10} \cdot \frac{0.008171}{10} \cdot \frac{100}{10} \cdot \frac{1}{1} \cdot 26 = 4.26 \times 10^6$$

CLIENT: LAW ASSOC / KENNEDYPAGE # 212MAS JOB NUMBER: M-240-10

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	F	1.5	0.1	—	—	PO
2		C	F	2.2	0.1	—	—	
3	1-2	C	F	2.8	0.1	—	—	
4		C	B	2.2	0.12	—	—	
5		C	F	2.0	0.1	—	—	
6		C	F	2.8	0.1	—	—	
7	1-3	C	F	10.0	0.1	—	—	
8	1-4	C	F	2.5	0.1	—	—	
9		C	F	4.5	0.1	—	—	
10	1-5	C	F	3.2	0.1	—	—	PO
11		C	F	2.0	0.1	—	—	
12	2-1	C	F	1.0	0.1	✓		✓
13		C	M	5	0.7	✓	✓	
14		C	F	1	0.15	✓	✓	
15		C	B	1	0.2	✓	✓	
16		C	B	1	0.2	✓	✓	
17		C	M	3	0.7	✓	✓	
18	2-2	C	B	2.5	0.4	✓	✓	
19		C	F	1.1	0.1	✓	✓	
20		C	C	3.0	0.8	✓		P.O
21	2-3	C	F	2.3	0.15	✓	✓	
22	2-4	C	F	1	0.1	✓	✓	
23	2-5	C	F	1.9	0.15	✓	✓	
24		C	F	3.0	0.15	✓	✓	
25		C	M	1.5	0.3	✓	✓	
26		C	M	3	0.3	✓	✓	







NEW YORK OFFICE

40 HORTON ST.

P.O. BOX 111

MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEETPAGE # 11Client: LAW ASSOC/ KENNEDYAccelerating Voltage: 100 KVSample ID: # 11Indicated Mag: 20 -25KX
Screen Mag: 15414 20KXMAS Job Number: M 2140-11Microscope Number: 1 2 3Date Sample Analyzed: 8-28-90Filter Type: MCE PC Other =Filter Size: 25mm, 37mm, 47mmNumber of Openings/Grids Counted: 111Filter Pore Size (um): 0-22Grid Accepted, 600X: Yes No 390Grid Opening: 1) 91 um x 89Analyst: Al Harmon2) um xDilution Factor: 1: 500Calculating Results For Verbal Issue:

Effective Filter Area:

(A) 1739

Number of Grid Openings Examined:

(B) 1

Average Grid Opening Area in sq. mm:

(C) 0.008099

Volume of Liquid Filtered in ml:

(D) 0.2

Area Sampled in Sq. Ft.:

(E) 1

Number of Asbestos Structures Counted:

(F) 124STRUCTURES PER SQ. FT. FORMULA:

$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{1}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

Calculations:

$$\frac{1739}{1} \cdot \frac{0.008099}{0.008099} \cdot \frac{100}{0.2} \cdot \frac{1}{1} \cdot 124 = 1.085 \times 10^{10}$$

CLIENT:

LAW ASSOC/ KENNEDYPAGE # 216

MAS JOB NUMBER:

M-240-11

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	F	1.0	0.11	—	—	PO
2		C	F	2.5	0.11	—	—	
3		C	F	15.0	0.11	—	—	
4		C	F	18.0	0.11	—	—	
5		C	F	3.0	0.11	—	—	
6		C	F	3.5	0.11	—	—	
7		C	F	2.2	0.11	—	—	
8		C	F	5.0	0.11	—	—	
9		C	F	4.0	0.11	—	—	
10		C	F	5.5	0.11	—	—	PO
11		C	F	2.5	0.11	—	—	
12		C	C	6.0	3.5	—	—	
13		C	F	2.5	0.11	—	—	
14		C	F	2.0	0.11	—	—	
15		C	M	8.0	6.5	—	—	
16		C	F	2.2	0.11	—	—	
17		C	F	3.8	0.11	—	—	
18		C	F	2.0	0.11	—	—	
19		C	M	5.0	0.11	—	—	
20		C	F	2.8	0.11	—	—	PO
21		C	F	3.5	0.11	—	—	
22		C	F	2.2	0.11	—	—	
23		C	F	7.5	0.11	—	—	
24		C	F	3.5	0.11	—	—	
25		C	F	4.8	0.11	—	—	
26		C	F	12.0	0.11	—	—	
27		C	B	2.8	0.3	—	—	
28		C	F	4.2	0.11	—	—	
29		C	M	8.0	2.5	—	—	
30		C	F	4.5	0.11	—	—	PO

CLIENT: LAW ASSOC/ KENNEDYPAGE # 316MAS JOB NUMBER: M-240-11

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
31	1-1 CONT	C	B	815	012	—	—	
32		C	F	315	011	—	—	
33		C	F	410	011	—	—	
34		C	C	415	2.8	—	—	
35		C	F	215	011	—	—	
36		C	F	415	011	—	—	
37		C	F	215	011	—	—	
38		C	F	215	011	—	—	
39		C	F	315	011	—	—	
40		C	M	510	215	—	—	PO
41		C	F	315	011	—	—	
42		C	F	815	011	—	—	
43		C	F	515	011	—	—	
44		C	F	212	011	—	—	
45		C	F	510	011	—	—	
46		C	F	715	011	—	—	
47		C	F	110	011	—	—	
48		C	F	112	011	—	—	
49		C	F	710	011	—	—	
50		C	F	215	011	—	—	PO
51		C	F	815	011	—	—	
52		C	F	618	011	—	—	
53		C	F	215	011	—	—	
54		C	F	810	011	—	—	
55		C	F	312	011	—	—	
56		C	F	315	011	—	—	
57		C	F	410	011	—	—	
58		C	F	212	011	—	—	
59		C	F	412	011	—	—	
60		C	B	815	012	—	—	PO

CLIENT:

LAW ASSOC / KENNEDY

PAGE #

416

MAS JOB NUMBER:

M-240-11

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
61	1-1 CONT	C	M	7.0	2.5	✓	✓	
62		C	F	4.8	0.11	—	—	
63		C	F	1.5	0.11	—	—	
64		C	F	3.8	0.11	—	—	
65		C	F	2.0	0.11	—	—	
66		C	F	9.0	0.11	—	—	
67		C	B	4.5	0.12	—	—	
68		C	B	11.0	0.12	—	—	
69		C	F	4.2	0.11	—	—	
70		C	M	2.8	1.5	—	—	PO
71		C	F	2.5	0.11	—	—	
72		C	M	4.5	3.5	—	—	
73		C	F	7.5	0.11	✓	—	
74		C	F	7.2	0.11	—	—	
75		C	F	2.2	0.11	—	—	
76		C	F	4.0	0.11	✓	—	
77		C	B	11.5	0.12	—	—	
78		C	F	2.5	0.11	—	—	
79		C	F	2.5	0.11	—	—	
80		C	B	4.8	0.12	✓	—	PO
81		C	F	5.5	0.11	—	—	
82		C	F	5.0	0.11	✓	—	
83		C	M	4.0	3.8	—	—	
84		C	C	10.0	3.5	—	—	
85		C	F	5.0	0.11	—	—	
86		C	F	3.2	0.11	—	—	
87		C	F	12.0	0.11	—	—	
88		C	F	22.0	0.11	—	—	
89		C	F	3.0	0.11	—	—	
90		C	F	5.5	0.11	—	—	PO

CLIENT: LAW ASSOC/ KENNEDYPAGE # 516MAS JOB NUMBER: M-242-11

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
91	1-1 court	C	f	28.0	0.11	—	—	
92		C	f	12.0	0.11	—	—	
93		C	f	8.0	0.11	—	—	
94		C	f	4.0	0.11	—	—	
95		C	M	9.0	3.15	—	—	
96		C	f	3.0	0.11	—	—	
97		C	f	2.2	0.11	—	—	
98		C	C	7.5	3.5	—	—	
99		C	f	1.8	0.11	—	—	
100		C	f	2.5	0.11	—	—	PD
101		C	f	10.5	0.11	—	—	
102		C	M	3.8	3.0	—	—	
103		C	f	11.0	0.11	—	—	
104		C	f	4.5	0.11	—	—	
105		C	f	3.5	0.11	—	—	
106		C	f	7.5	0.11	—	—	
107		C	C	3.5	2.4	—	—	
108		C	M	3.0	2.5	—	—	
109		C	f	4.5	0.11	—	—	
110		C	B	3.5	0.12	—	—	PD
111		C	f	2.5	0.11	—	—	
112		C	f	3.5	0.11	—	—	
113		C	f	3.0	0.11	—	—	
114		C	f	4.0	0.11	—	—	
115		C	f	4.0	0.11	—	—	
116		C	f	8.0	0.11	—	—	
117		C	f	1.8	0.11	—	—	
118		C	f	6.0	0.11	—	—	
119		C	f	3.5	0.11	—	—	
120		C	B	5.0	0.13	—	—	PD

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MAS JOB NUMBER:

M-240-11

[illegible]

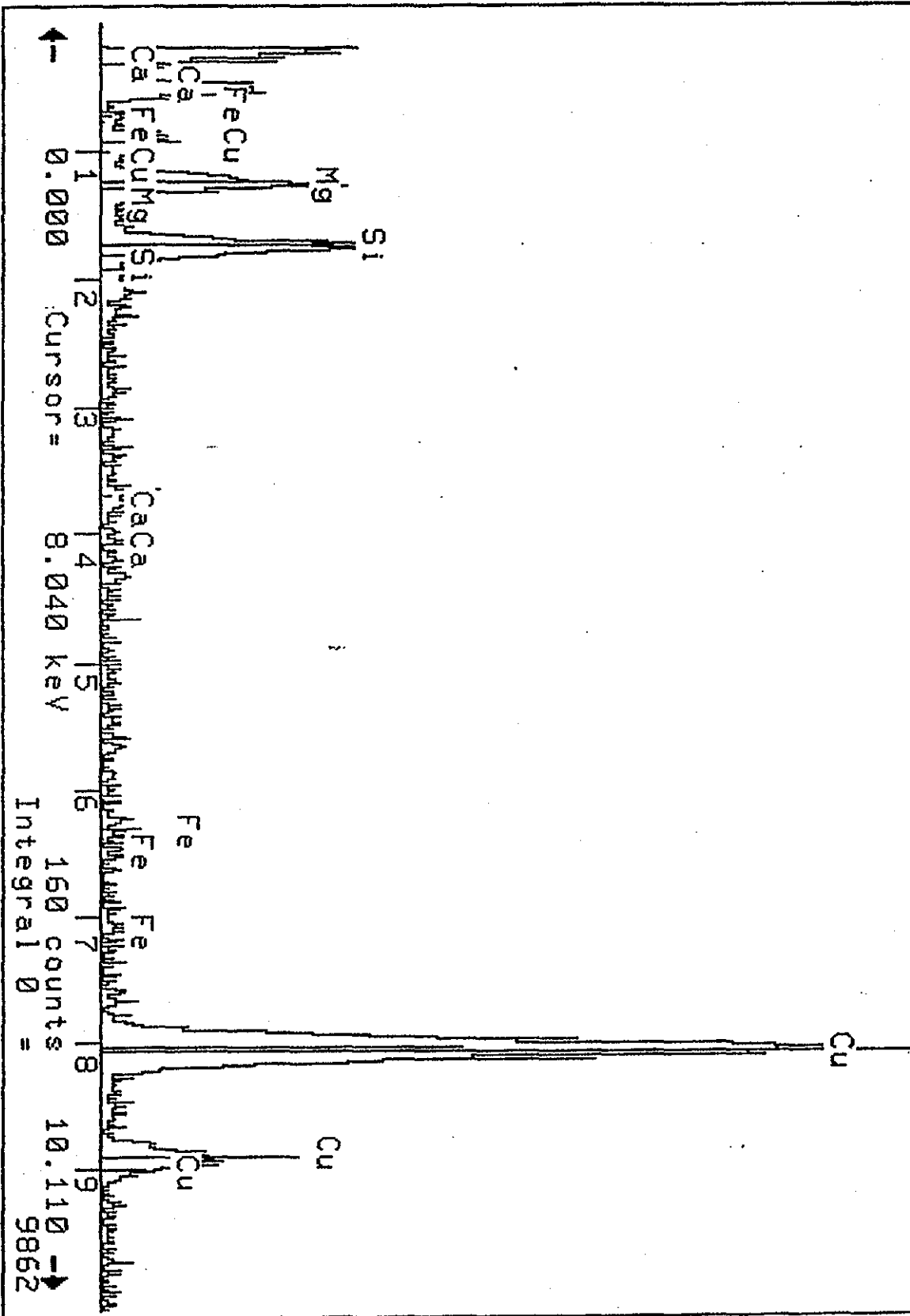
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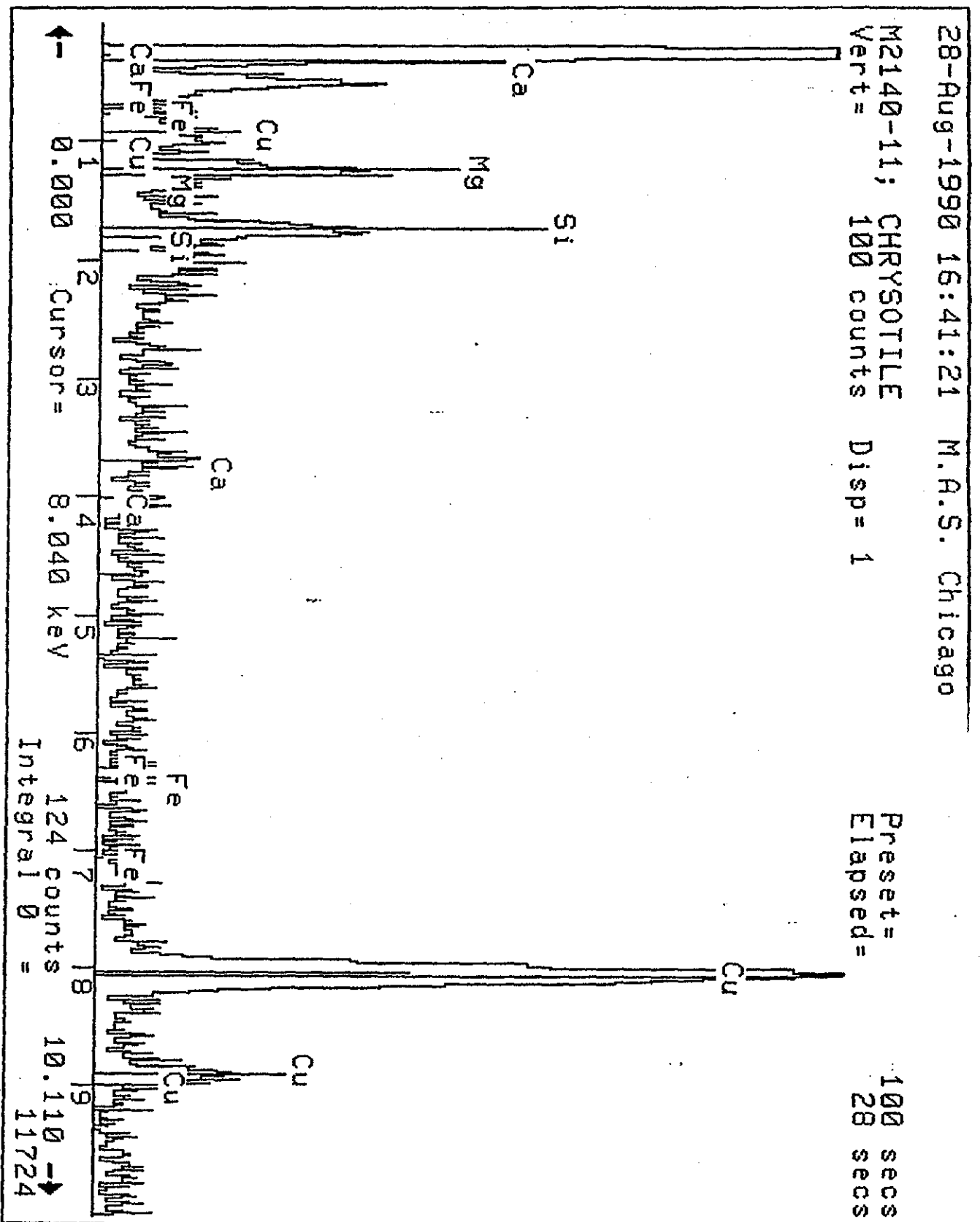
M2140-11; CHRYSOTILE

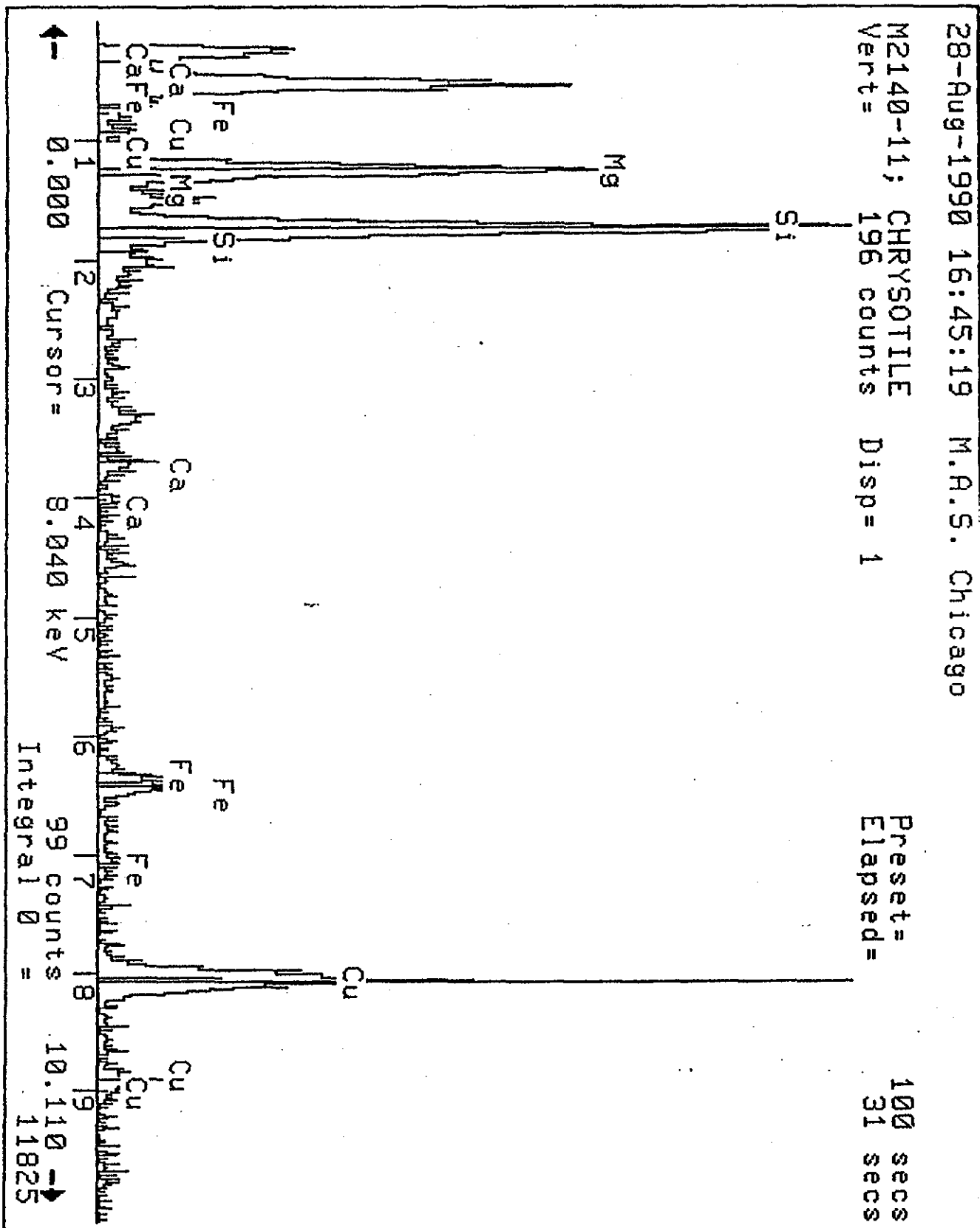
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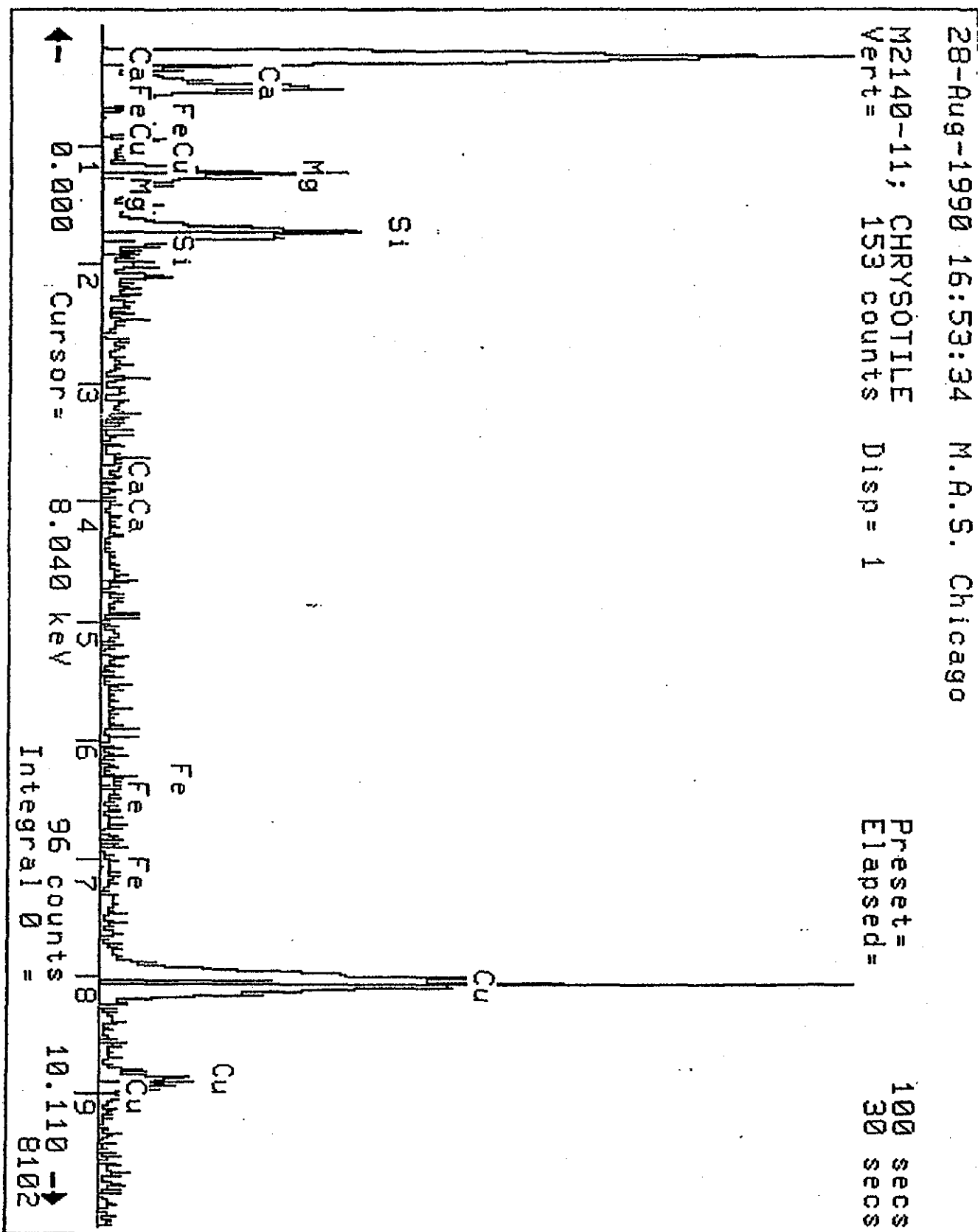
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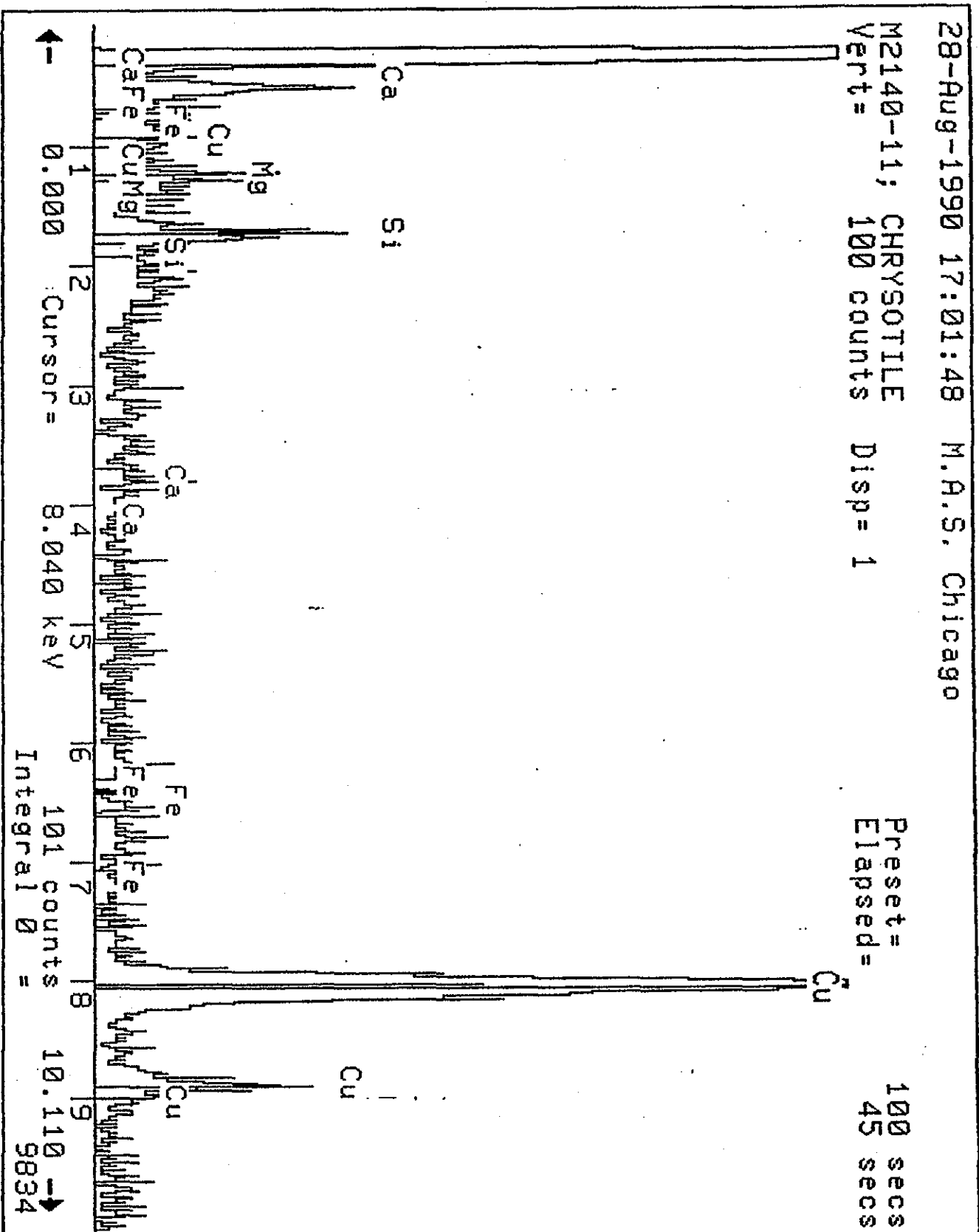
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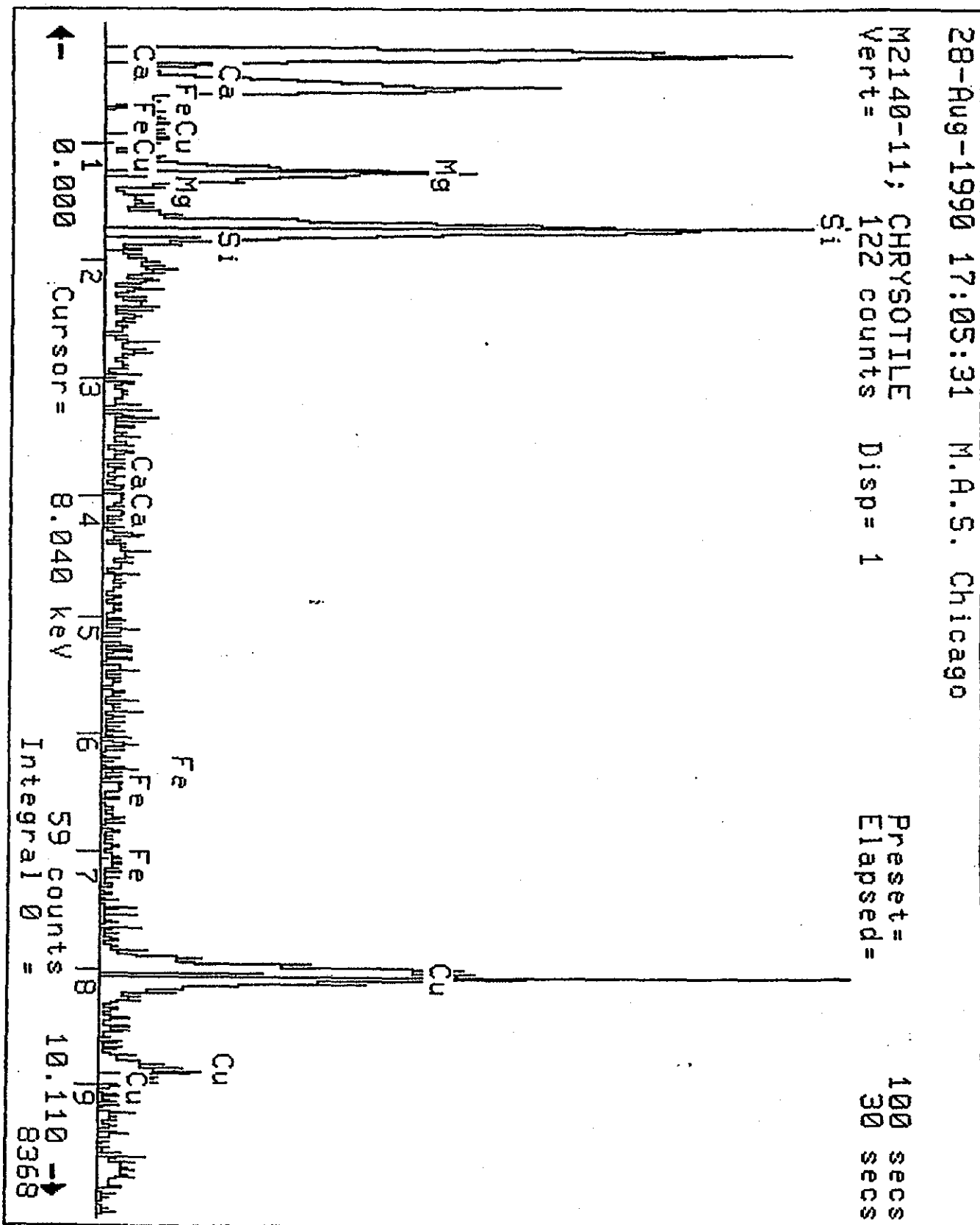


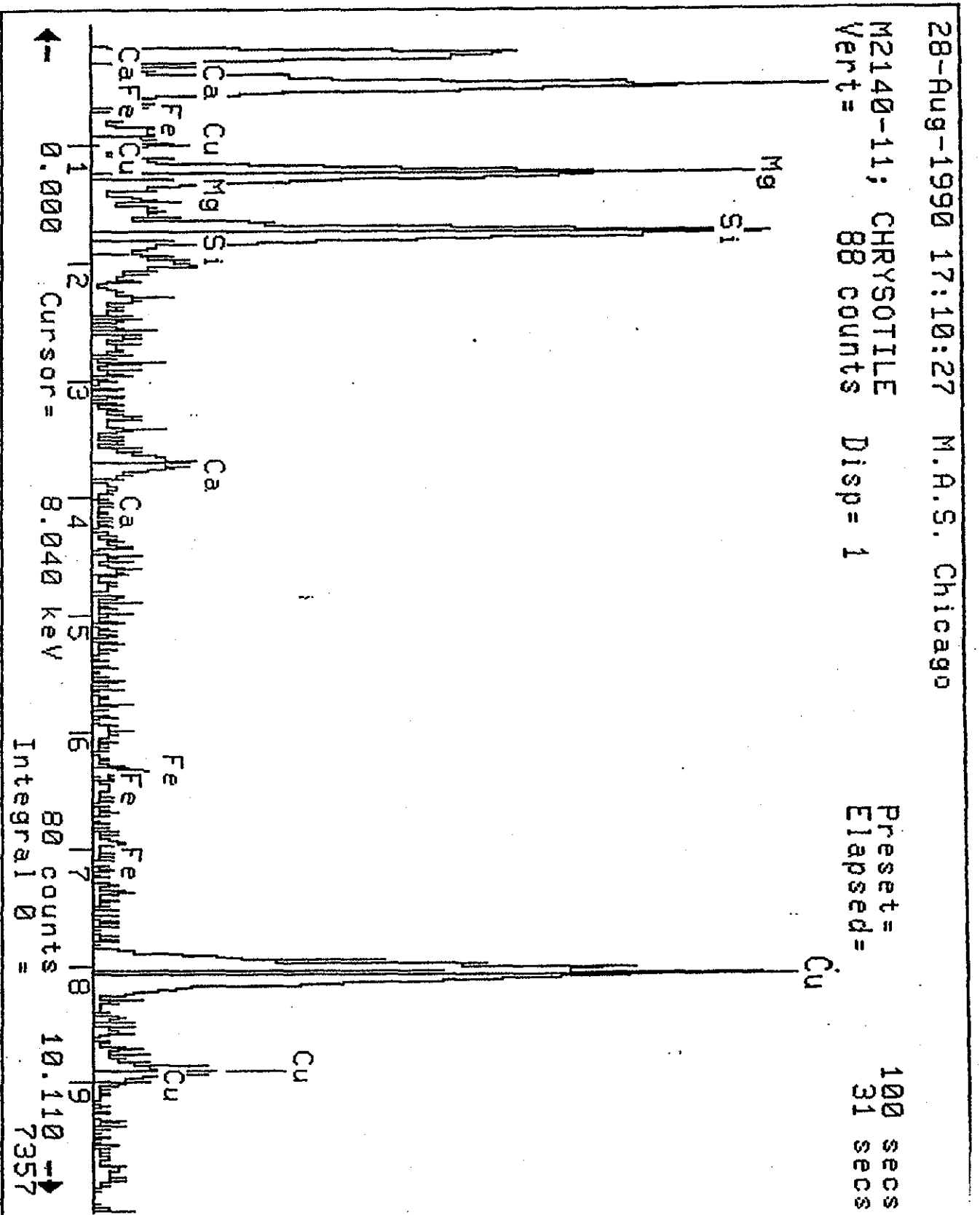


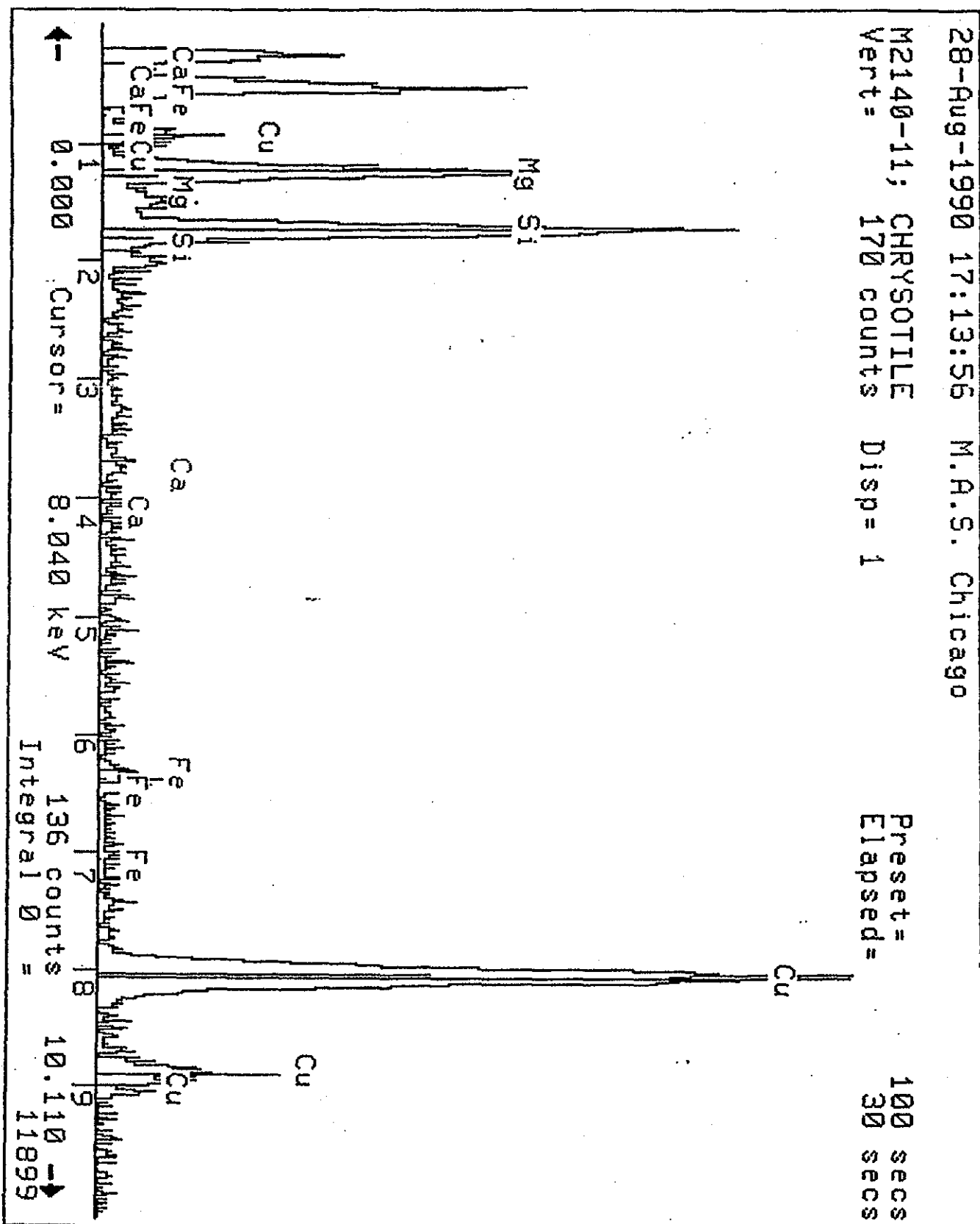


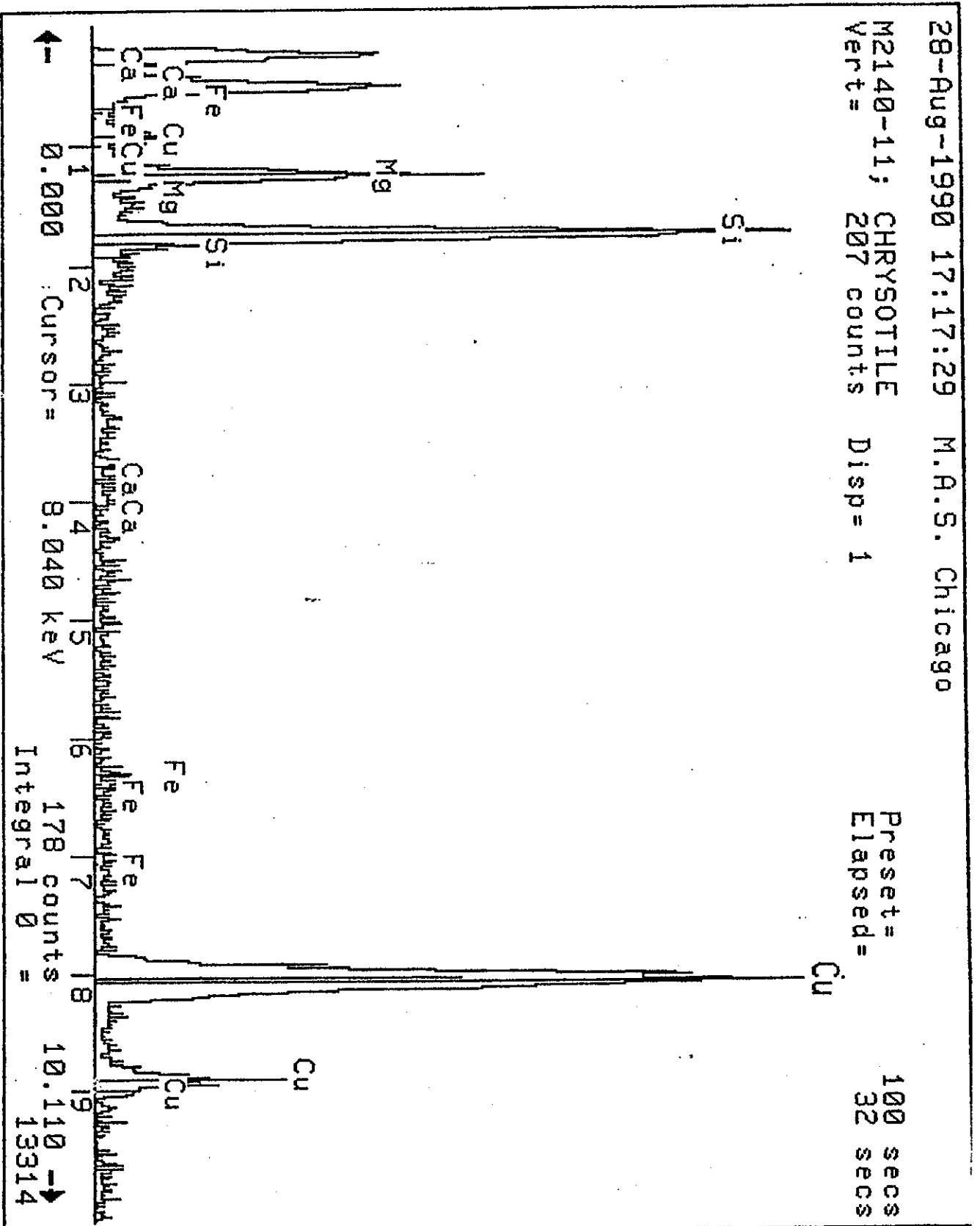


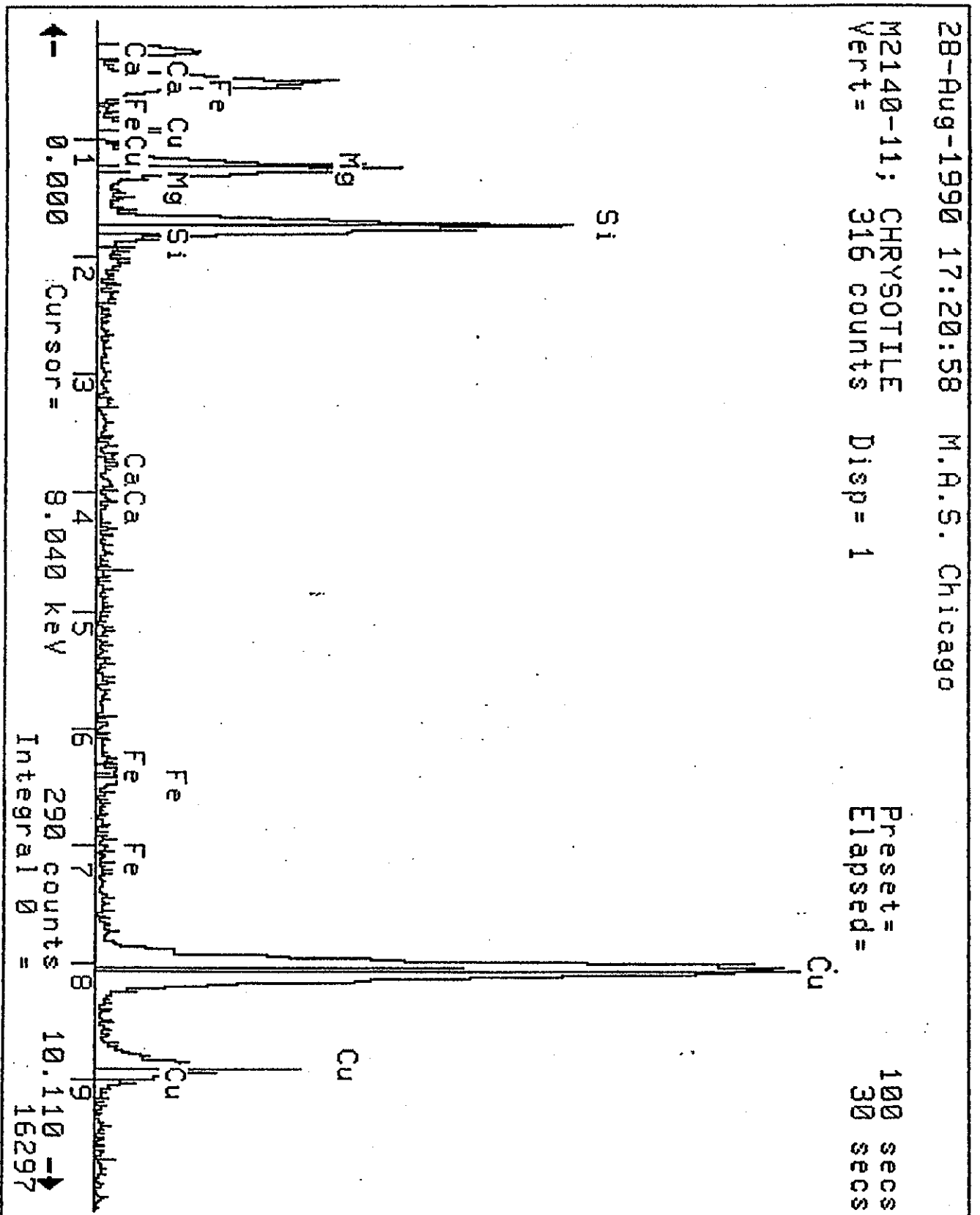












MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEETPAGE # 11Client: LAW ASSOC/ KENNESAWAccelerating Voltage: 100 KVSample ID: # 12Indicated Mag: 20 -25KX
Screen Mag: 15414 20KXMAS Job Number: M 2140-12Microscope Number: 1 2 3Date Sample Analyzed: 29 - Aug - 90Filter Type: MCE PC Other =
Filter Size: 25mm, 37mm, 47mmNumber of Openings/Grids Counted: 8.12Filter Pore Size (um): 0.22Grid Accepted, 600X: Yes No 3%Grid Opening: 1) 95.3 um x 90.6Analyst: W. P. Smith2) 93.2 um x 92.1Dilution Factor: 1: 200Calculating Results For Verbal Issue:

Effective Filter Area:

(A) 1739

Number of Grid Openings Examined:

(B) 8

Average Grid Opening Area in sq. mm:

(C) 0.008638

Volume of Liquid Filtered in ml:

(D) 0.5

Area Sampled in Sq. Ft.:

(E) 1.0

Number of Asbestos Structures Counted:

(F) 100STRUCTURES PER SQ. FT. FORMULA:

$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{1}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

Calculations:

$$\frac{1739}{8} \cdot \frac{0.008638}{0.5} \cdot \frac{1}{1.0} \cdot 100 = 3.875 \times 10^8$$

CLIENT:

Law Assoc. / KENNESAWPAGE # 215

MAS JOB NUMBER:

M- 2140-12

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	B	1.7	0.15	✓	✓	P.O.
2		C	M	1.8	1	✓	✓	✓
3		C	F	2.5	0.1	✓	✓	✓
4		C	F	1.8	0.1	✓	✓	✓
5		C	F	5	0.1	✓	✓	✓
6		C	F	1.3	0.1	✓	✓	✓
7		C	F	3	0.15	✓	✓	✓
8		C	B	1.7	0.2	✓	✓	✓
9		C	F	1	0.1	✓	✓	✓
10		C	F	1.9	0.1	✓	✓	✓
11	1-2	C	F	6.5	0.1	✓	✓	✓
12		C	F	2	0.1	✓	✓	P.O.
13		C	F	1.3	0.1	✓	✓	✓
14		C	F	2.4	0.1	✓	✓	✓
15		C	F	1	0.1	✓	✓	✓
16		C	M	4	1	✓	✓	✓
17		C	F	4	0.2	✓	✓	✓
18		C	F	4.5	0.1	✓	✓	✓
19		C	F	6.5	0.1	✓	✓	✓
20		C	F	3.2	0.1	✓	✓	✓
21		C	M	1	0.3	✓	✓	P.O.
22		C	M	4.5	2.5	✓	✓	✓
23	1-3	C	F	1	0.1	✓	✓	
24		C	F	0.8	0.05	✓		✓
25		C	B	3.5	0.15	✓		✓
26		C	F	3.5	0.1	✓	✓	✓
27		C	F	1.1	0.1	✓		✓
28		C	B	1.4	0.6	✓	✓	
29		C	F	3.5	0.1	✓	✓	
30		C	F	0.8	0.05	✓	✓	

CLIENT:

Law Assoc. / Kennersaw

PAGE #

315

MAS JOB NUMBER:

M- 2140-12

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
31	1-3	C	F	3	0.1	✓	✓	
32		C	M	0.9	0.4	✓		✓
33		C	F	0.8	0.05	✓		PO
34		C	F	9	0.1	✓		✓
35		C	F	20	0.2	✓	✓	
36		C	F	1.5	0.15	✓	✓	
37		C	F	1.2	0.1	✓		✓
38		C	B	4.5	0.4	✓	✓	
39		C	F	5.1	0.1	✓	✓	
40		C	F	1	0.05	✓	✓	
41	1-4	C	F	4.5	0.2	✓	✓	P.O.
42		C	C	3.5	0.8	✓	✓	
43		C	M	1.3	0.6	✓		✓
44		C	F	12	0.15	✓		✓
45		C	M	2	0.6	✓	✓	
46		C	F	6	0.2	✓	✓	
47		C	C	2	0.6	✓	✓	
48		C	F	0.8	0.1	✓	✓	
49		C	F	9	0.2	✓		✓
50		C	F	1.9	0.15	✓	✓	
51		C	F	1.4	0.15	✓		✓
52	1-5	C	F	0.8	0.1	✓		P.O.
53		C	F	1.2	0.1	✓		✓
54		C	Q ^W B	1.2	0.2	✓	✓	
55		C	C	1.5	0.3	✓	✓	
56		C	F	0.8	0.1	✓	✓	
57		C	F	30	0.15	✓		✓
58	2-1	C	F	1.3	0.1	✓		✓
59		C	F	4	0.15	✓		✓
60		C	F	1.8	0.1	✓	✓	

CLIENT:

Law Assoc. / Kennecott

PAGE #

415

IAS JOB NUMBER:

M- 2140-12

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
61	2-1	C	F	1.2	0.15	✓	✓	
62		C	F	1.9	0.1	✓		✓
63		C	F	40	0.15	✓		✓
64		C	F	1	0.05	✓		✓
65		C	F	3.5	0.1	✓		✓
66		C	F	4	0.1	✓	✓	
67		C	F	1	0.05	✓		✓
68		C	F	1.2	0.1	✓	✓	
69		C	F	1.4	0.05	✓	✓	
70		C	F	2	0.1	✓	✓	
71		C	F	6	0.1	✓		✓
72		C	F	3.5	0.1	✓	✓	
73		C	F	1.5	0.1	✓		PO
74		C	F	1.5	0.2	✓	✓	
75	2-2	C	F	2.2	0.1	✓	✓	
76		C	F	0.8	0.1	✓	✓	
77		C	F	1.2	0.1	✓	✓	
78		C	F	0.9	0.1	✓	✓	
79		C	F	4	0.1	✓		✓
80		C	M	2	0.4	✓		✓
81		C	B	5.5	0.3	✓	✓	
82		C	F	2.2	0.1	✓	✓	
83	2-3	C	M	2.0	0.1 ^{up} 0.3	✓		PO
84		C	F	0.8	0.1	✓	✓	
85		C	M	1.2	0.05	✓		✓
86		C	F	2.9	0.1 ^{up} 0.1	✓		✓
87		C	F	2.5	0.1	✓	✓	
88		C	F	8.5	0.2	✓	✓	✓
89		C	F	2.1	0.15	✓	✓	
90		C	F	2.2	0.2	✓	✓	

Law Assoc. / KENNESAW

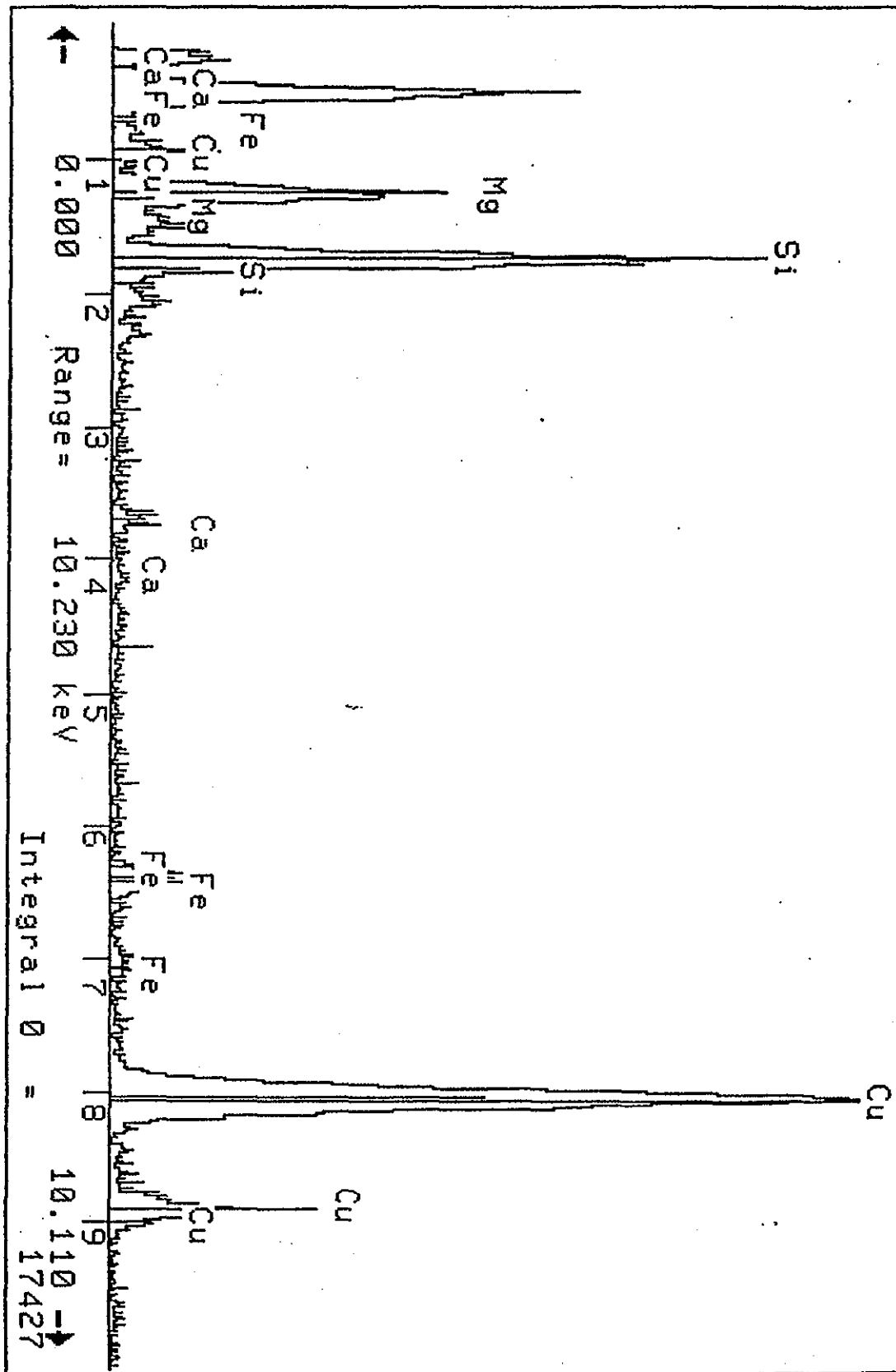
515

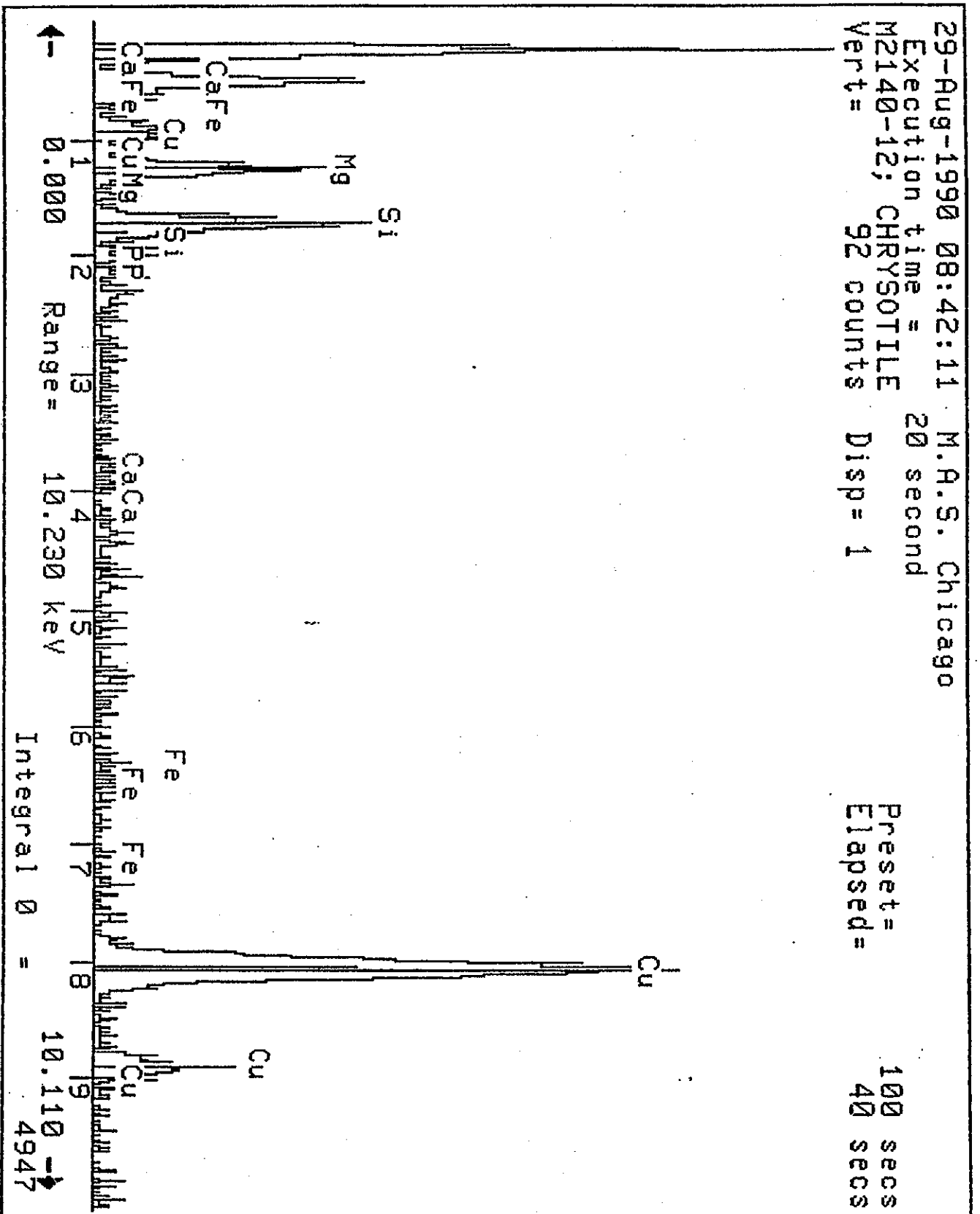
M- 214072

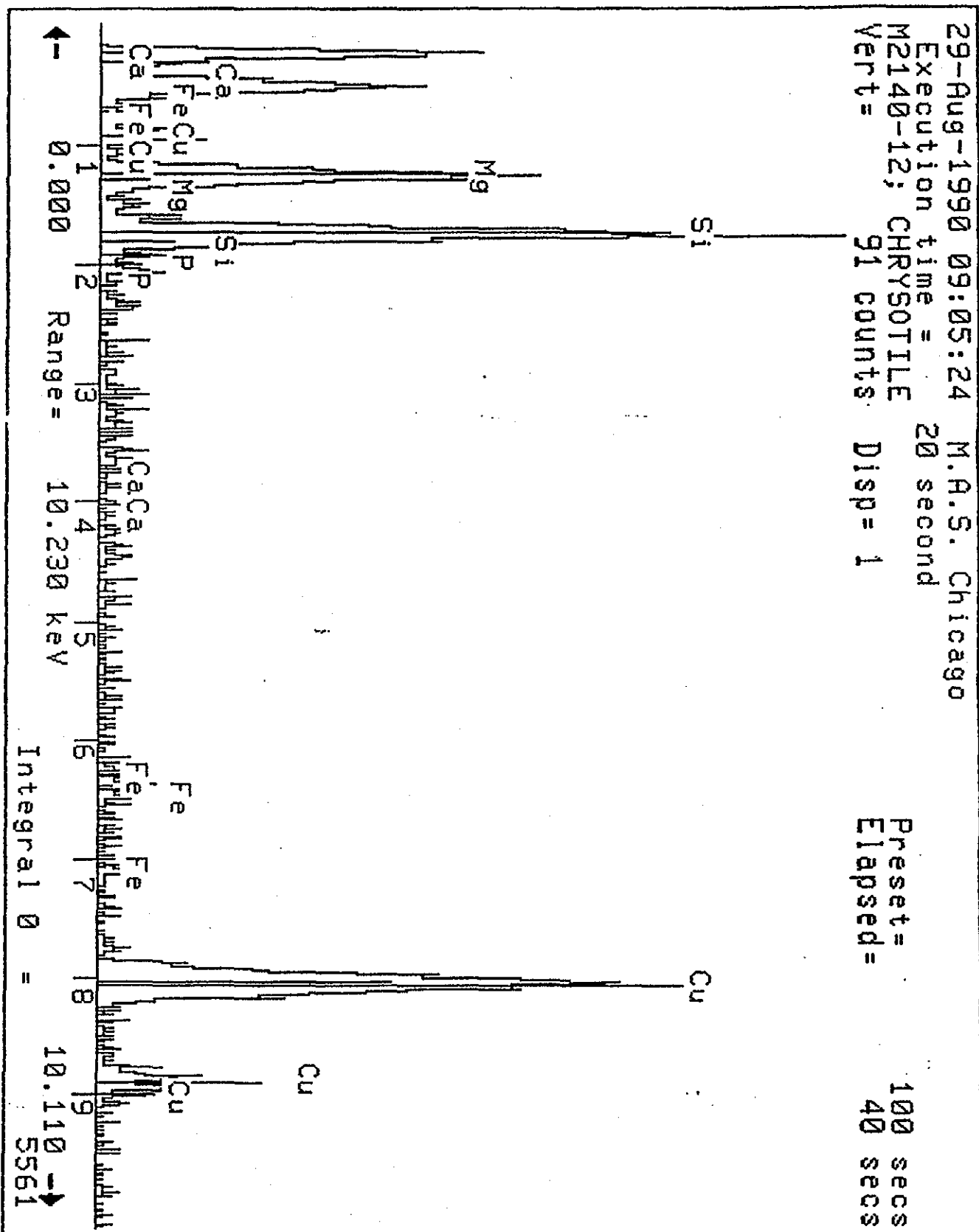
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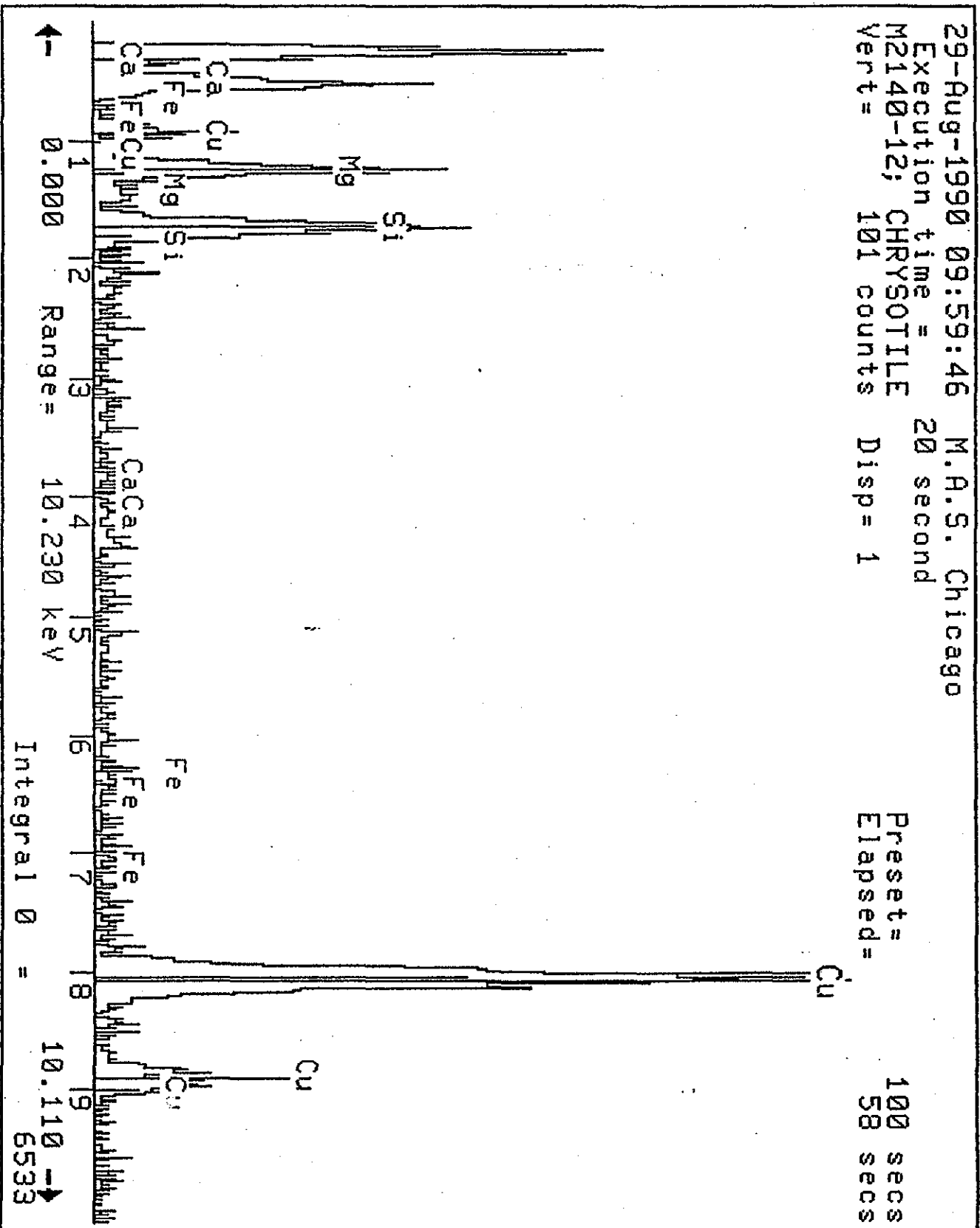
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 M2140-12; CHRYSOTILE
 Vert = 296 counts Disp = 1

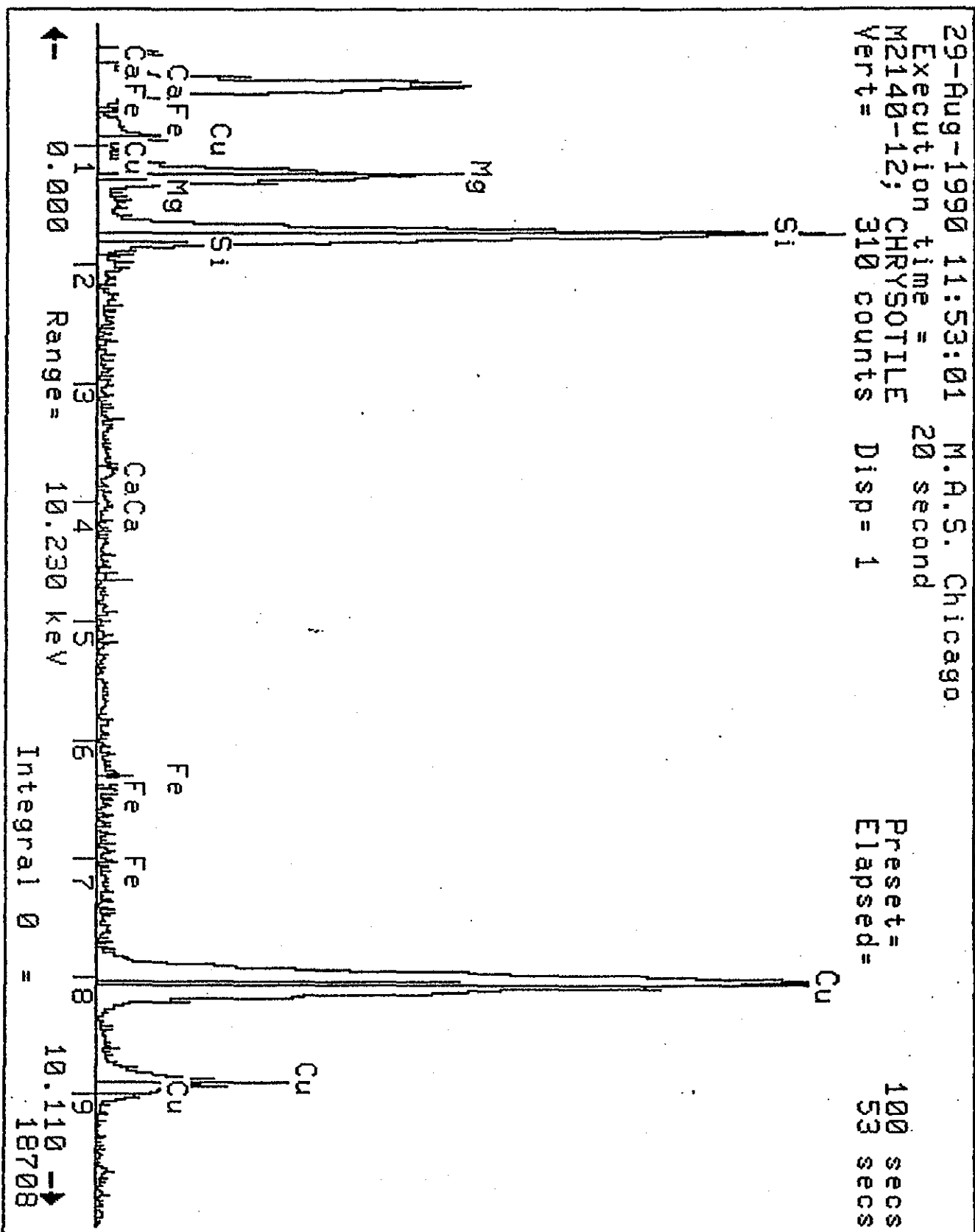
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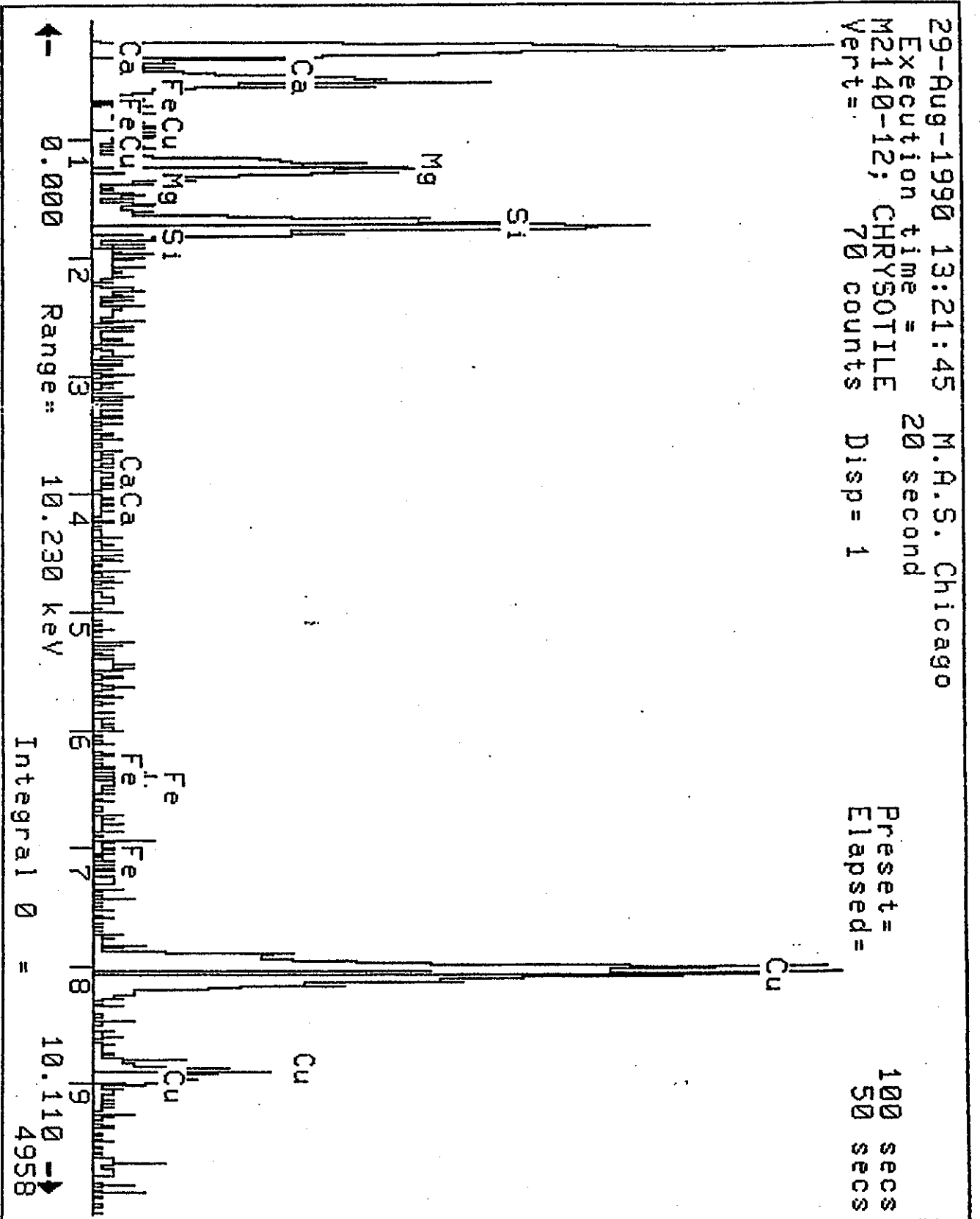


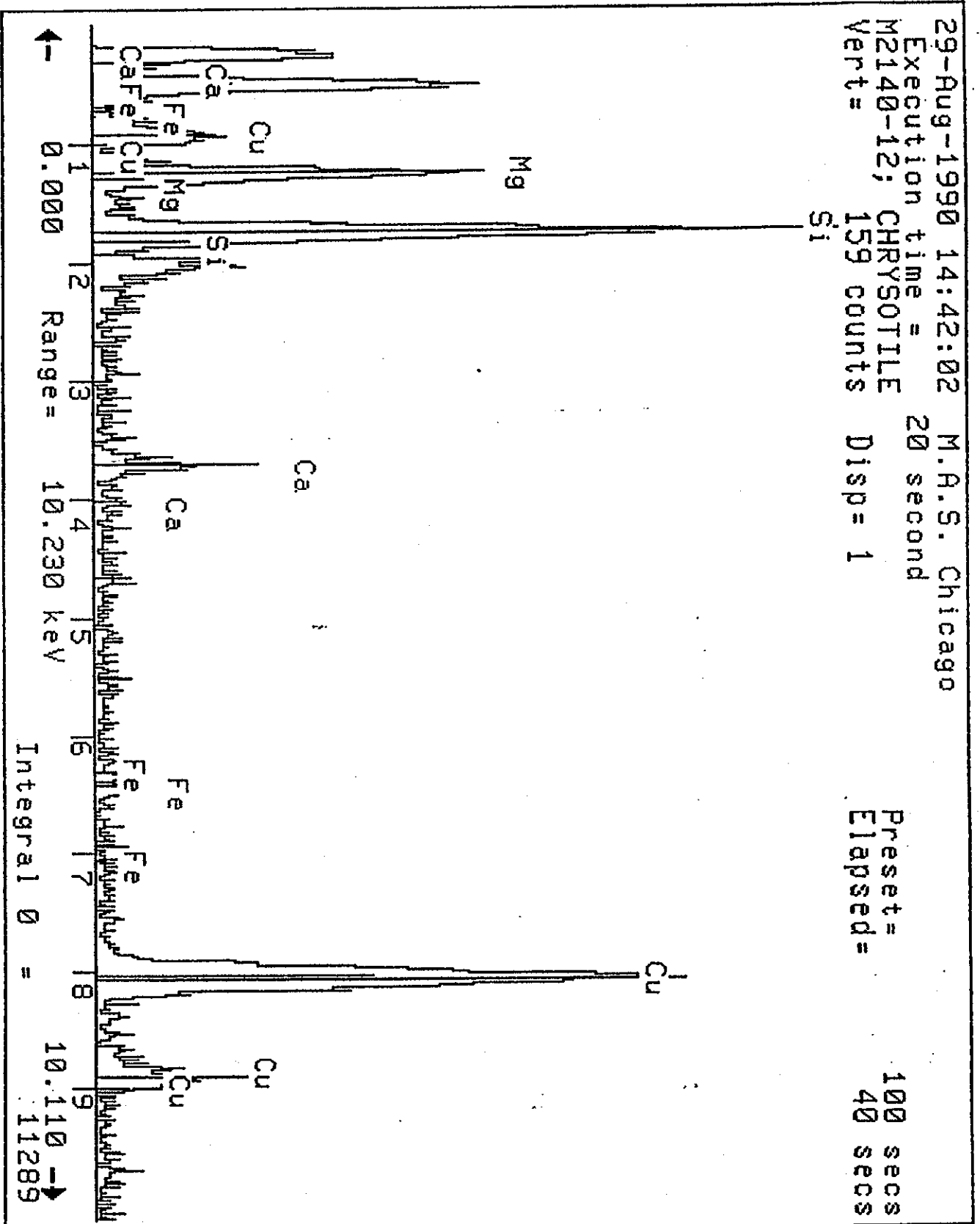


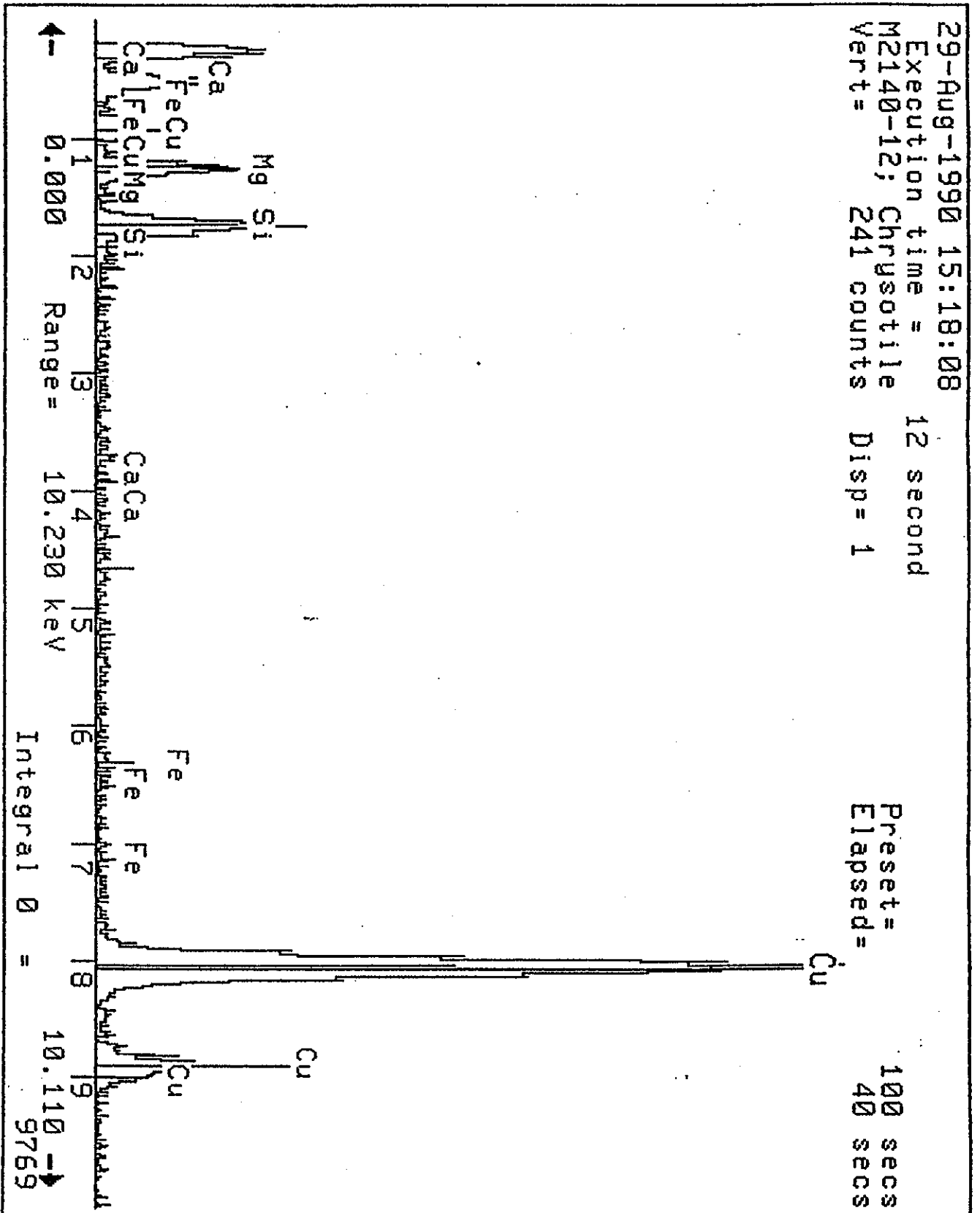


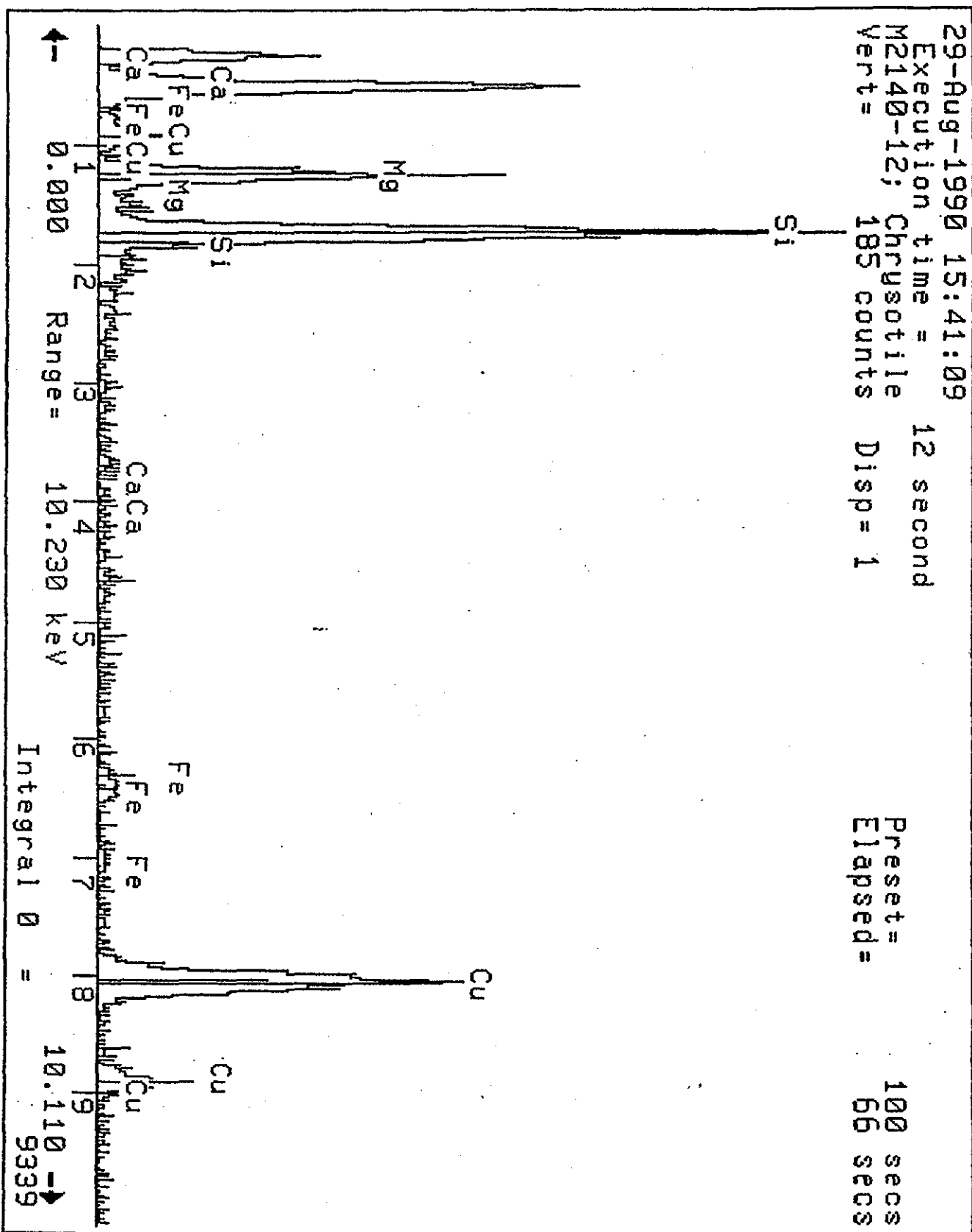












MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEET

PAGE # 11Client: LAW ASSOC/ KENNEDYAccelerating Voltage: 100 KVSample ID: # 13Indicated Mag: 20 25KX
Screen Mag: 15414 20KXMAS Job Number: M 2140-13Microscope Number: 1 2 3Date Sample Analyzed: Grid #1 8-29-90Filter Type: MCE PC, Other =Date Sample Analyzed: Grid #2 8-30-90Filter Size: 25mm, 37mm, 47mmNumber of Openings/Grids Counted: 5.1 2Filter Pore Size (um): 0.22Grid Accepted, 600X: Yes No 290Grid Opening: 1) 92 um x 91Analyst: Al Harmon2) 92 um x 93Dilution Factor: 1: 200Calculating Results For Verbal Issue:

Effective Filter Area:

(A) 1339

Number of Grid Openings Examined:

(B) 5

Average Grid Opening Area in sq. mm:

(C) 0.008464

Volume of Liquid Filtered in ml:

(D) 0.15

Area Sampled in Sq. Ft.:

(E) 1

Number of Asbestos Structures Counted:

(F) 94STRUCTURES PER SQ. FT. FORMULA:

$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{1}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

Calculations:

$$\frac{1339}{5} \cdot \frac{0.008464}{0.15} \cdot \frac{1}{1} \cdot 94 = 5.948 \times 10^3$$

CLIENT: LAW ASSOC/ KENNEDYPAGE # 215MAS JOB NUMBER: M-240-13

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	F	2.5	0.1	—	—	PO
2		C	F	6.5	0.1	—	—	
3		C	M	4.5	3.5	—	—	
4		C	F	2.5	0.1	—	—	
5		C	F	1.8	0.1	—	—	
6		C	C	12.0	4.5	—	—	
7		C	M	5.0	2.8	—	—	
8		C	F	1.5	0.1	—	—	
9		C	F	1.2	0.1	—	—	
10		C	M	2.8	1.6	—	—	PO
11		C	F	1.5	0.1	—	—	
12		C	M	4.5	3.8	—	—	
13		C	F	3.0	0.1	—	—	
14		C	F	1.8	0.1	—	—	
15		C	M	2.2	0.8	—	—	
16		C	M	5.0	3.8	—	—	
17		C	F	3.8	0.1	—	—	
18		C	F	1.5	0.1	—	—	
19		C	F	2.5	0.1	—	—	
20		C	F	4.5	0.1	—	—	PO
21		C	M	18.0	9.5	—	—	
22		C	F	1.5	0.1	—	—	
23		C	F	4.5	0.1	—	—	
24		C	F	1.0	0.1	—	—	
25	1-2	C	F	2.5	0.1	—	—	
26		C	F	1.8	0.1	—	—	
27		C	F	2.5	0.1	—	—	
28		C	B	2.8	0.2	—	—	
29		C	F	2.4	0.1	—	—	
30		C	F	2.2	0.1	—	—	PO

CLIENT:

LAW ASSOC / KETCHESAW

PAGE #

344
215

MAS JOB NUMBER:

M-2140-13

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
31	1-2	C	F	3.5	0.1	—	—	
32		C	F	2.2	0.1	—	—	
33		C	B	3.0	0.1	—	—	
34	1-3	C	F	11.0	0.1	—	—	
35		C	F	2.8	0.1	—	—	
36		C	B	8.0	0.2	—	—	
37		C	F	6.0	0.1	—	—	
38		C	F	2.5	0.1	—	—	
39		C	F	2.8	0.1	—	—	
40		C	F	1.8	0.1	—	—	PD
41		C	C	4.5	2.5	—	—	
42		C	F	1.0	0.1	—	—	
43		C	F	1.2	0.1	—	—	
44		C	F	4.0	0.1	—	—	
45		C	M	3.5	3.0	—	—	
46		C	F	1.5	0.1	—	—	
47		C	F	3.0	0.1	—	—	
48		C	F	3.4	0.1	—	—	
49		C	B	2.5	0.2	—	—	
50		C	F	5.2	0.1	—	—	PD
51		C	F	1.2	0.1	—	—	
52		C	F	2.0	0.1	—	—	
53		C	F	2.2	0.1	—	—	
54		C	B	2.8	0.2	—	—	
55		C	M	4.5	2.5	—	—	
56		C	F	5.5	0.1	—	—	
57		C	F	2.8	0.1	—	—	
58		C	F	1.5	0.1	—	—	
59		C	F	2.6	0.1	—	—	
60		C	F	1.8	0.1	—	—	PD

CLIENT:

LOW ASSOC/KENNEDY

PAGE #

484
815

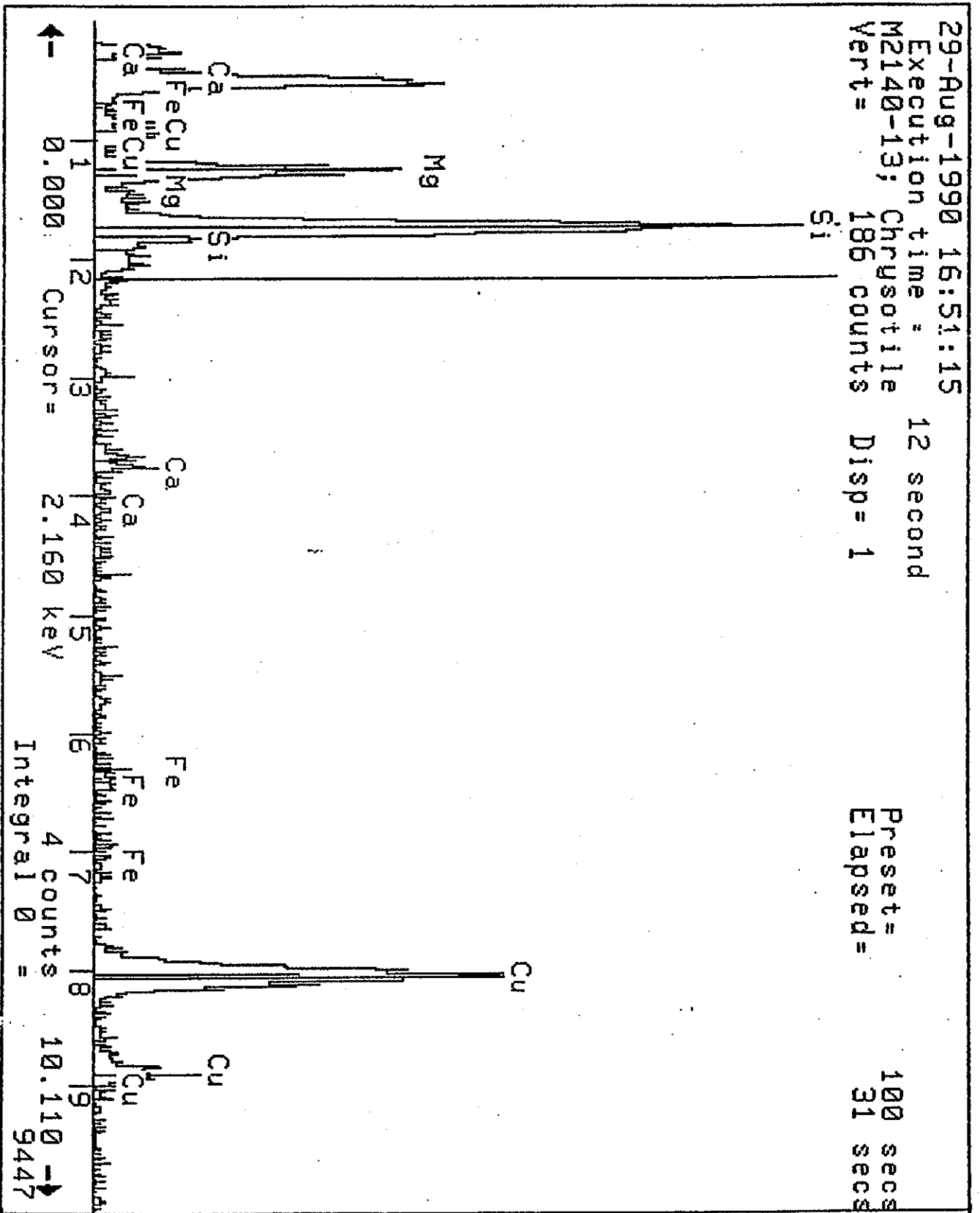
MAS JOB NUMBER:

M- 2140-13

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
61	2-1	C	F	1.5	0.11	—	—	
62		C	F	3.5	0.11	—	—	
63		C	F	3.0	0.11	—	—	
64		C	F	3.8	0.11	—	—	
65		C	F	1.5	0.11	—	—	
66		C	F	1.2	0.11	—	—	
67		C	F	3.0	0.11	—	—	
68		C	F	2.5	0.11	—	—	
69		C	C	4.5	2.5	—	—	
70		C	B	2.5	0.12	—	—	PD
71		C	F	3.5	0.11	—	—	
72		C	B	8.5	0.13	—	—	
73		C	M	3.2	1.5	—	—	
74		C	F	4.5	0.11	—	—	
75	2-2	C	F	1.2	0.11	—	—	
76		C	F	2.2	0.11	—	—	
77		C	F	1.8	0.11	—	—	
78		C	F	2.0	0.11	—	—	
79		C	F	1.5	0.11	—	—	
80		C	F	3.5	0.11	—	—	PD
81		C	B	3.5	0.14	—	—	
82		C	F	3.2	0.11	—	—	
83		C	F	6.0	0.11	—	—	
84		C	F	2.2	0.11	—	—	
85		C	F	3.2	0.11	—	—	
86		C	F	1.0	0.11	—	—	
87		C	M	1.5	0.15	—	—	
88		C	F	12.0	0.11	—	—	
89		C	F	1.8	0.11	—	—	
90		C	F	3.5	0.11	—	—	PD

M-2140-13

[illegible]



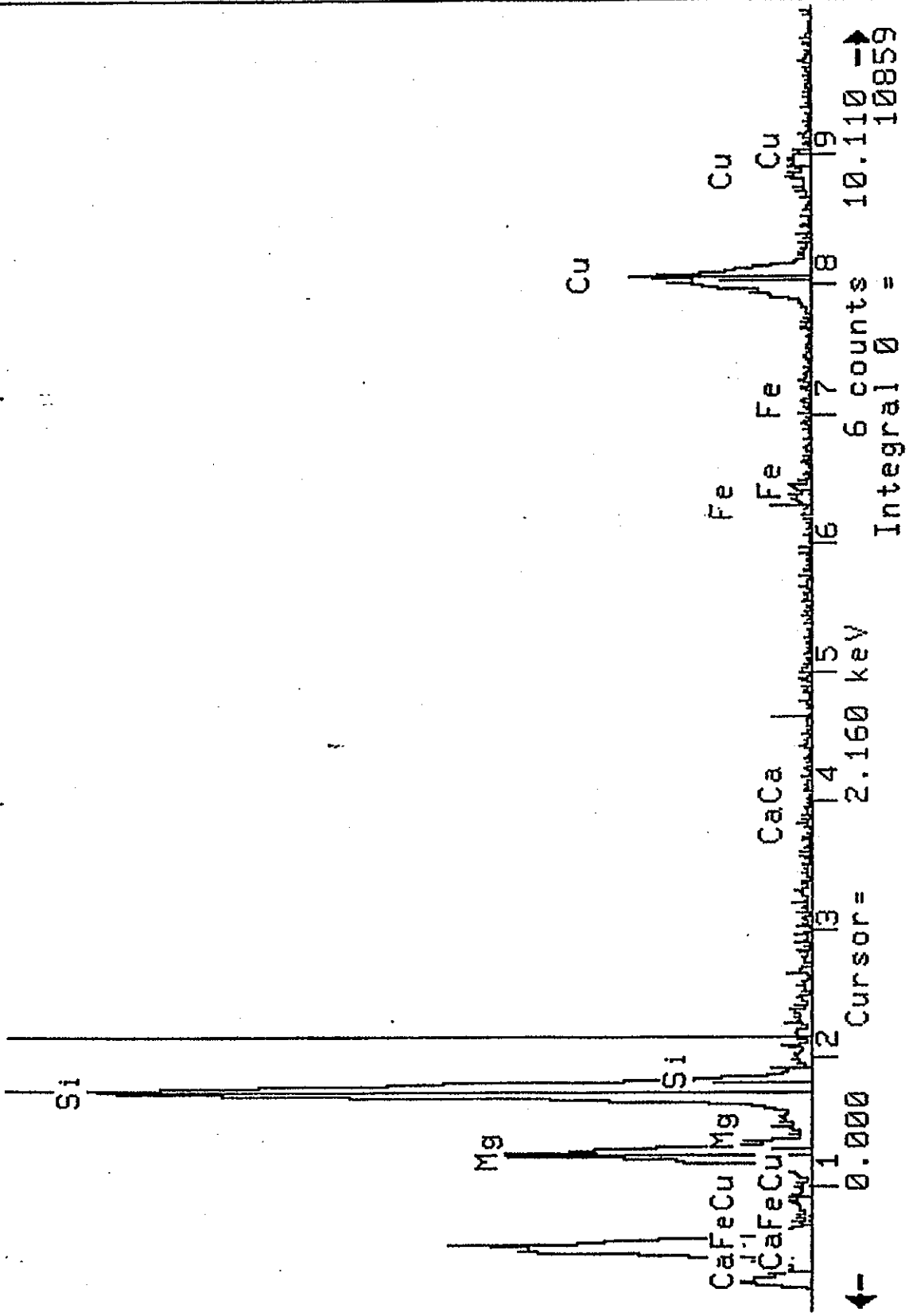
29-Aug-1990 16:58:03

Execution time = 12 second

M2140-13; Chrysotile

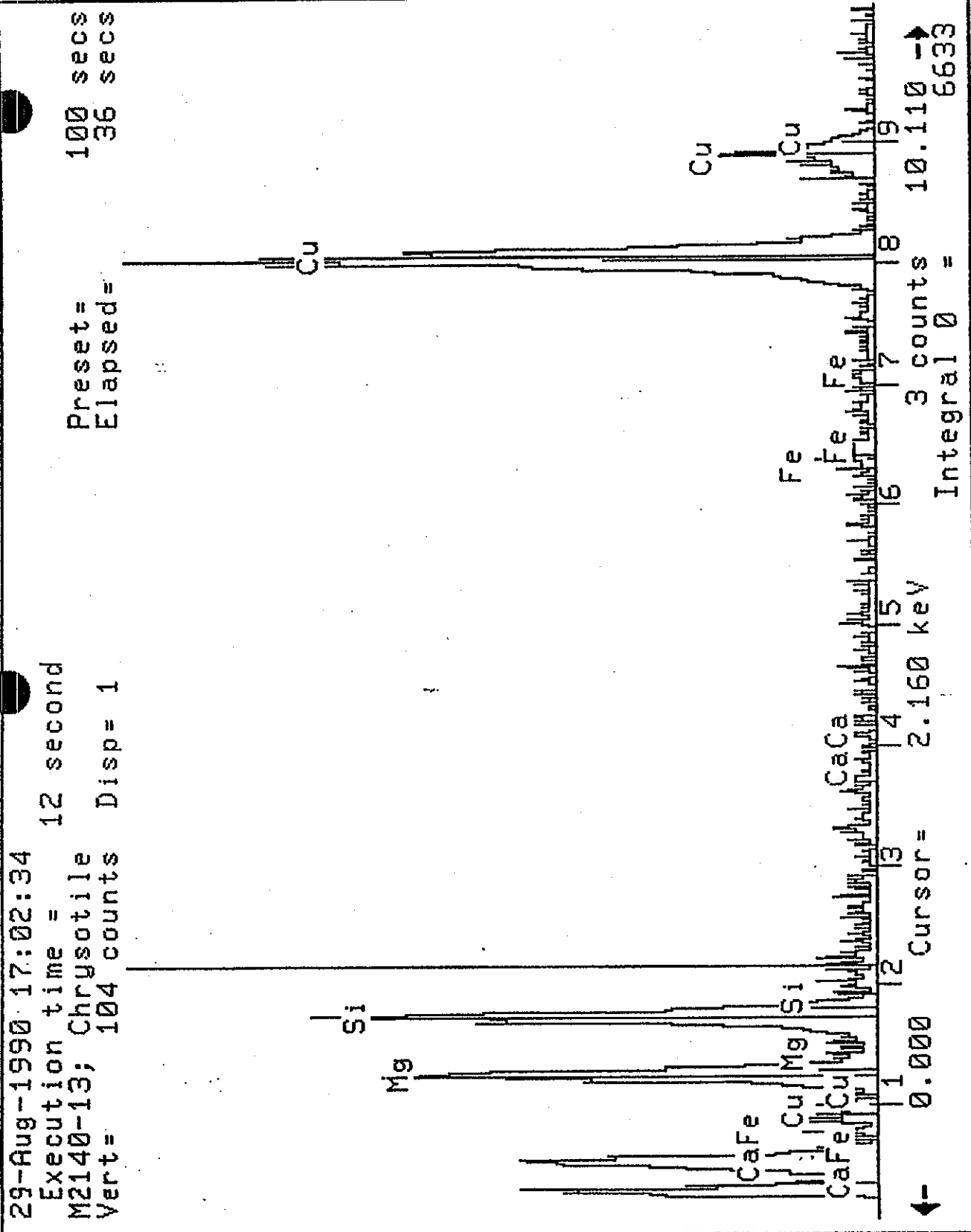
Vert= 303 counts Disp= 1

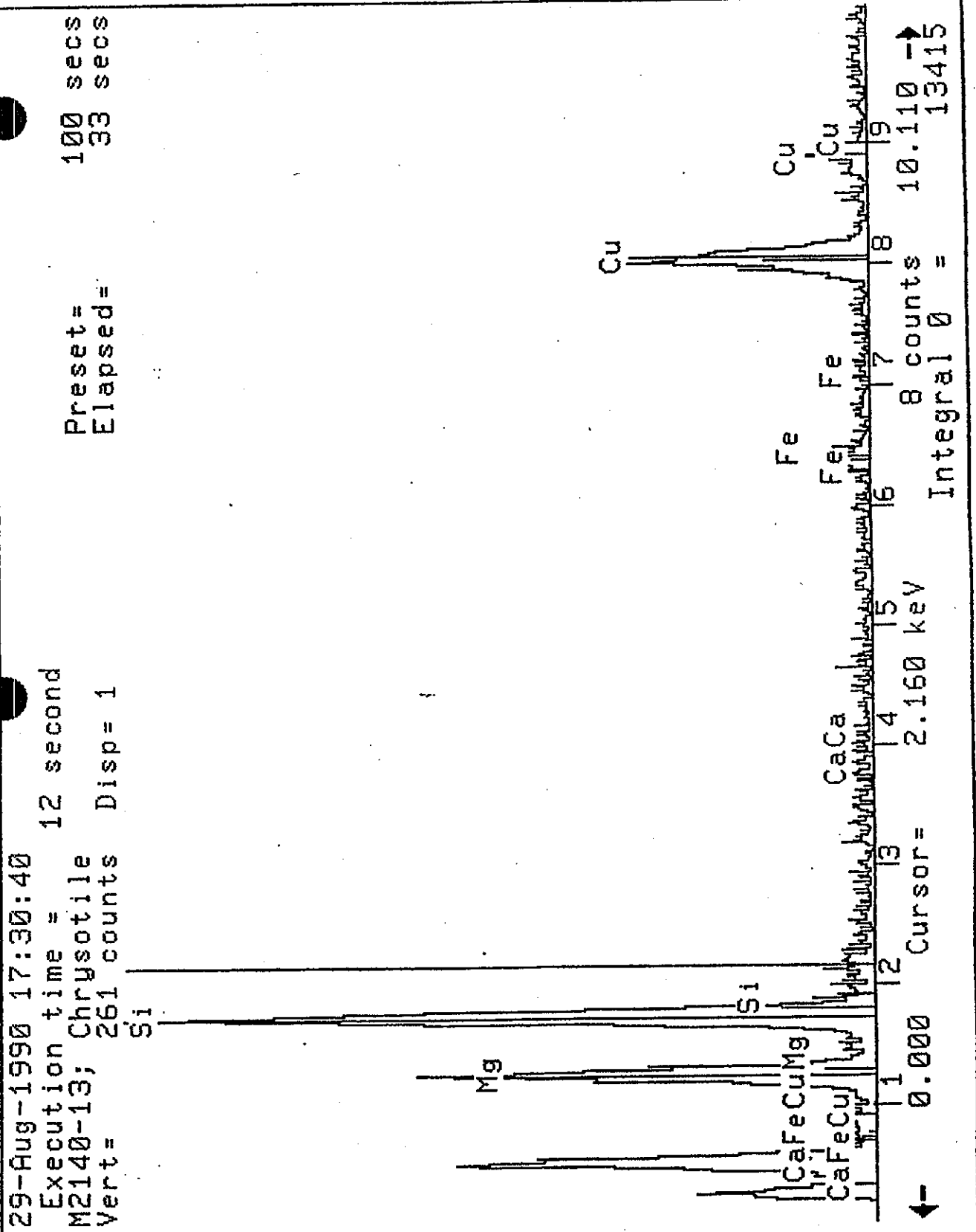
Preset= 100 secs
Elapsed= 31 secs

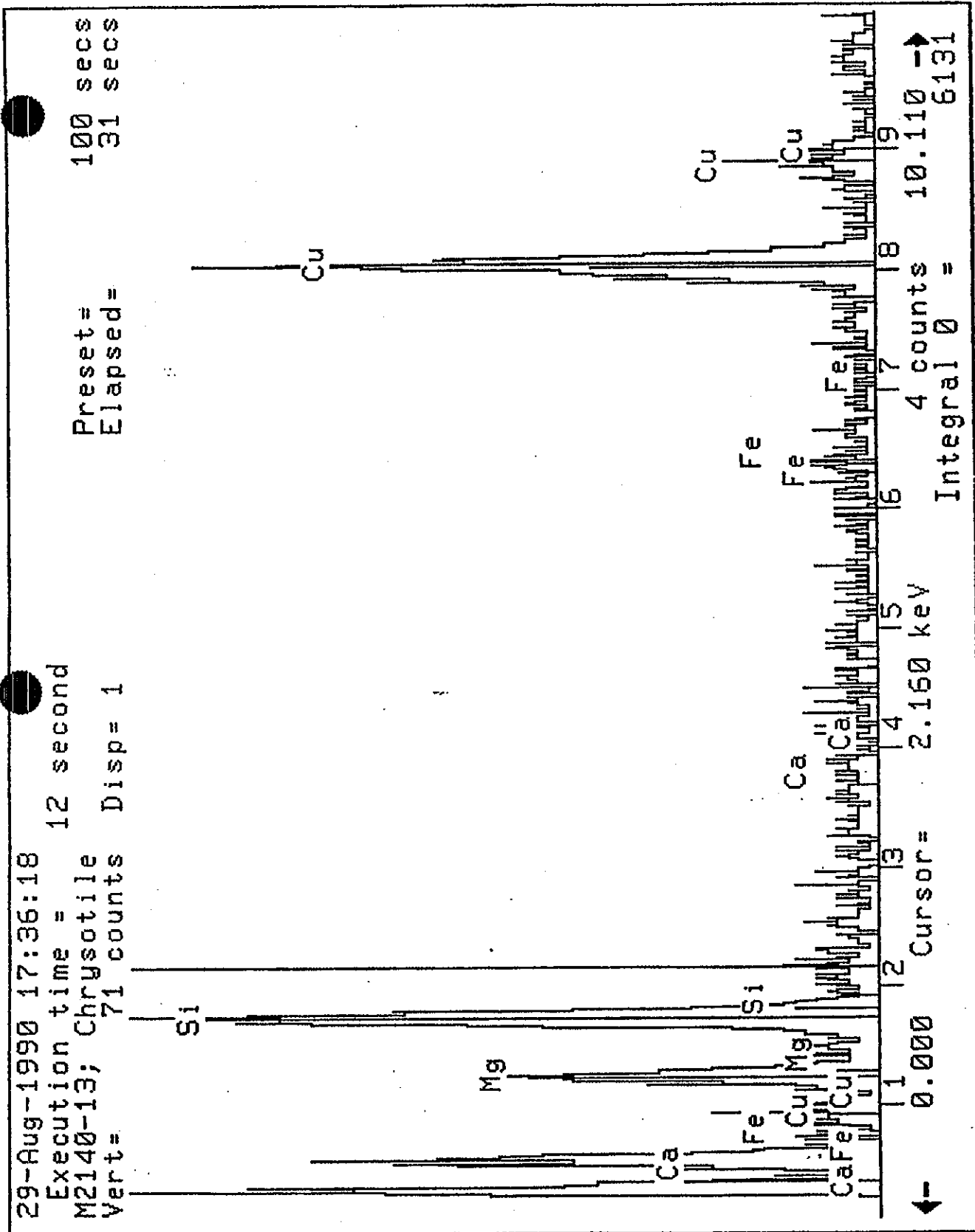


← 0.000 Cursor= 2.160 keV

6 counts 10.110 →
Integral 0 = 10859







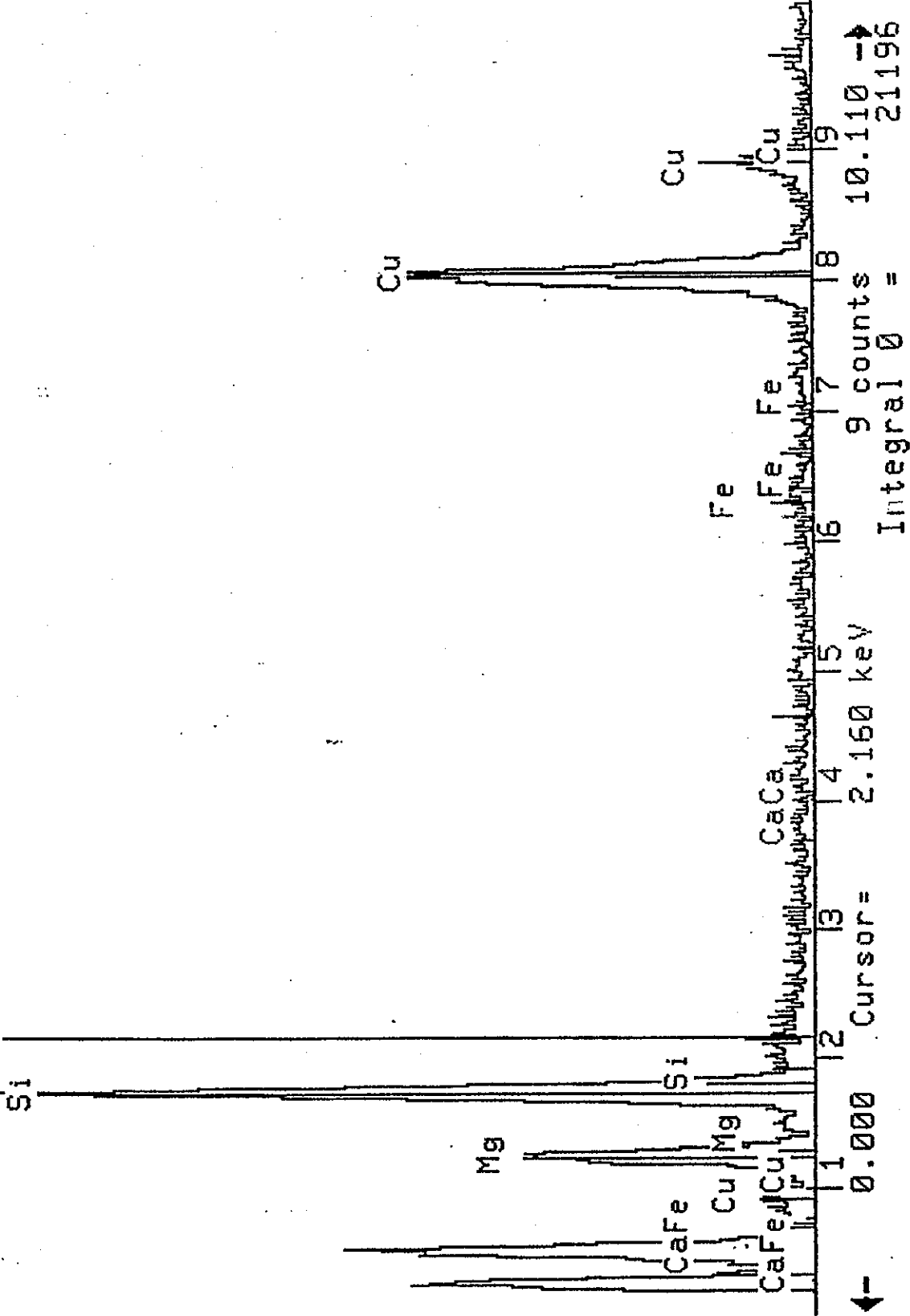
29-Aug-1990 17:40:58

Execution time = 12 second

M2140-13; Chrysotile

Vert= 352 counts Disp= 1

Preset= 100 secs
Elapsed= 69 secs



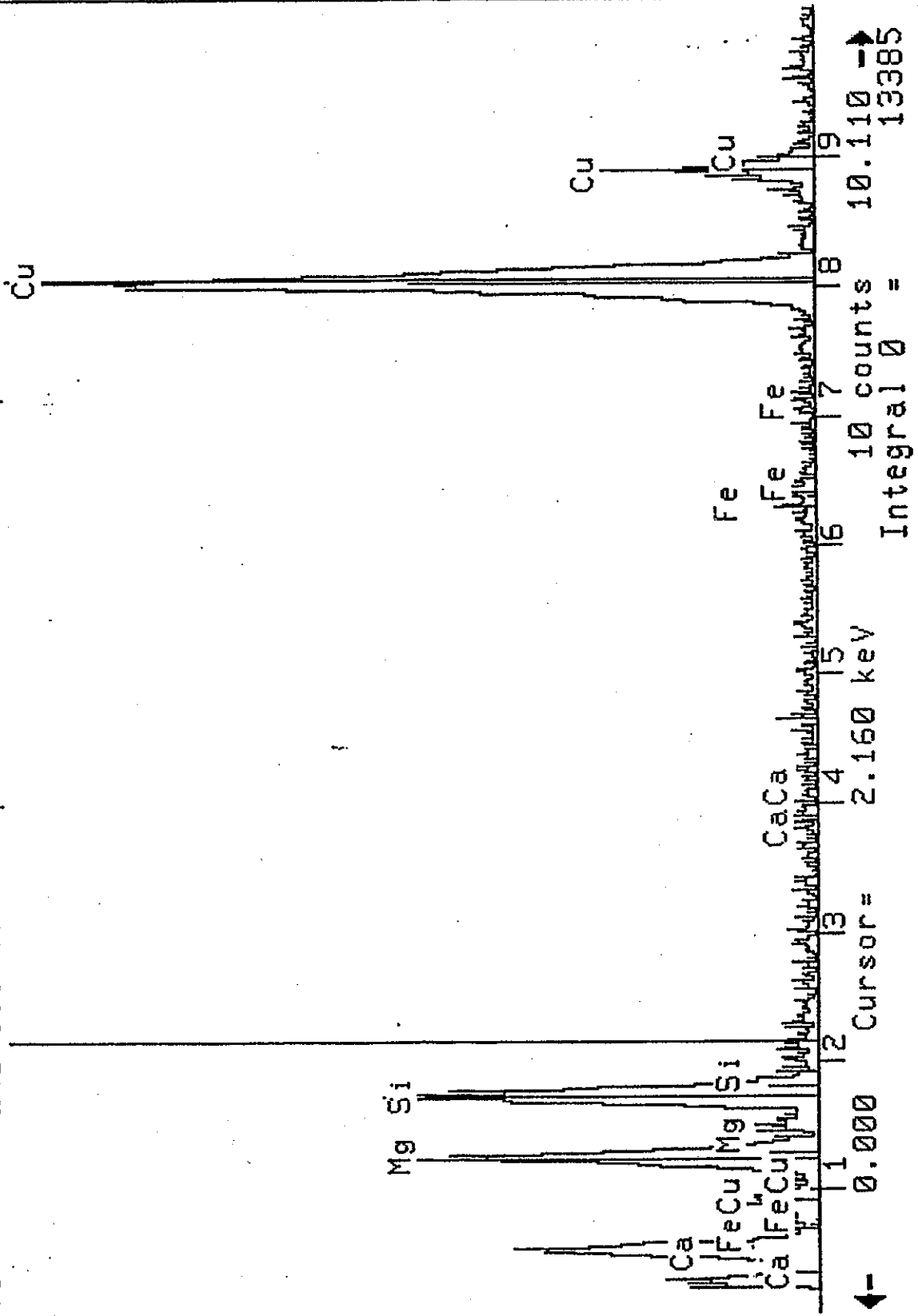
29-Aug-1990 17:46:03

Execution time = 12 second

M2140-13; Chrysotile

Vert= 242 counts Disp= 1

Preset= 100 secs
Elapsed= 32 secs



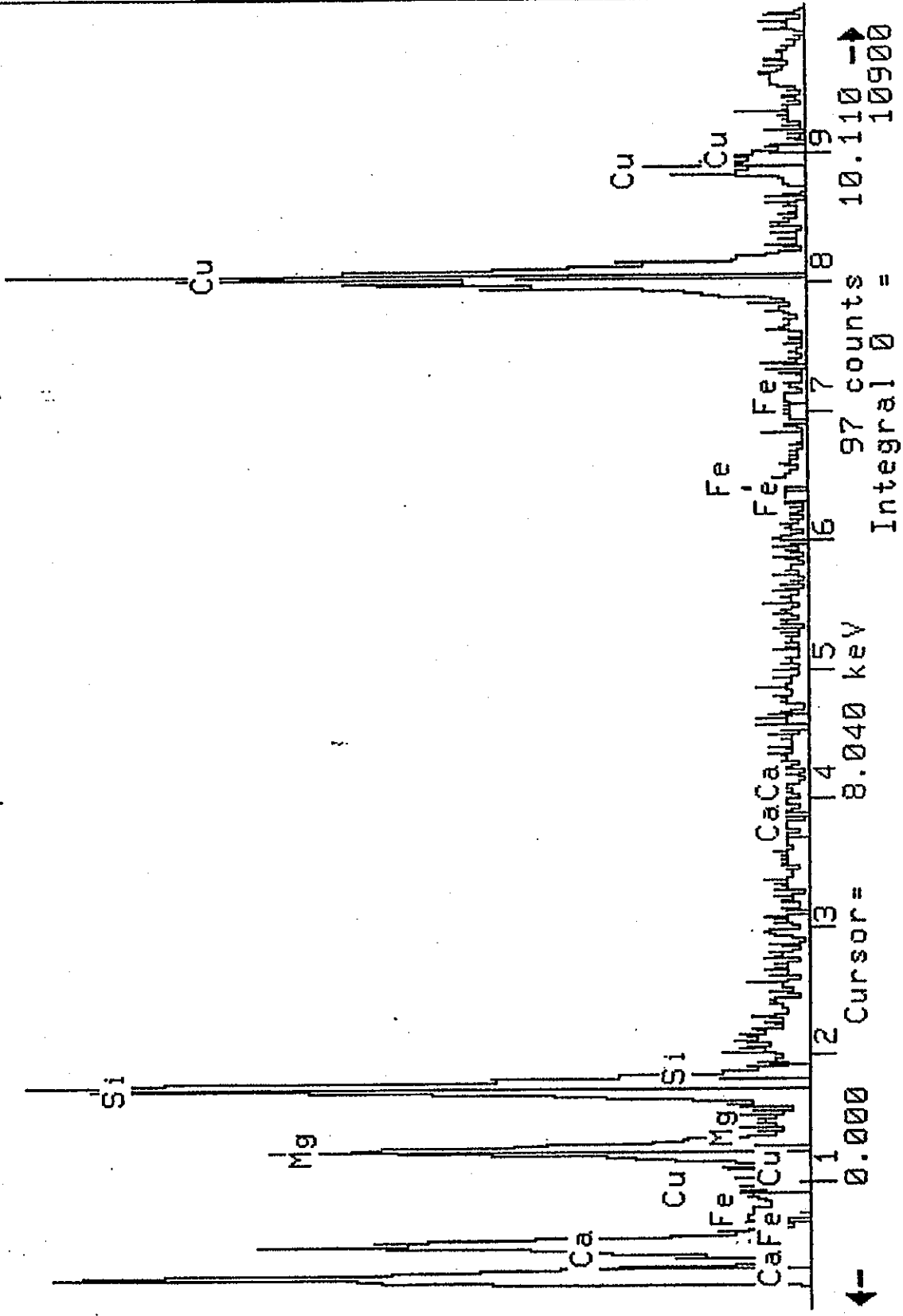
30-Aug-1990 08:24:59

Execution time = 12 second

M2140-13; CHRYSOTILE

Vert= 138 counts Disp= 1

Preset= 100 secs
Elapsed= 37 secs



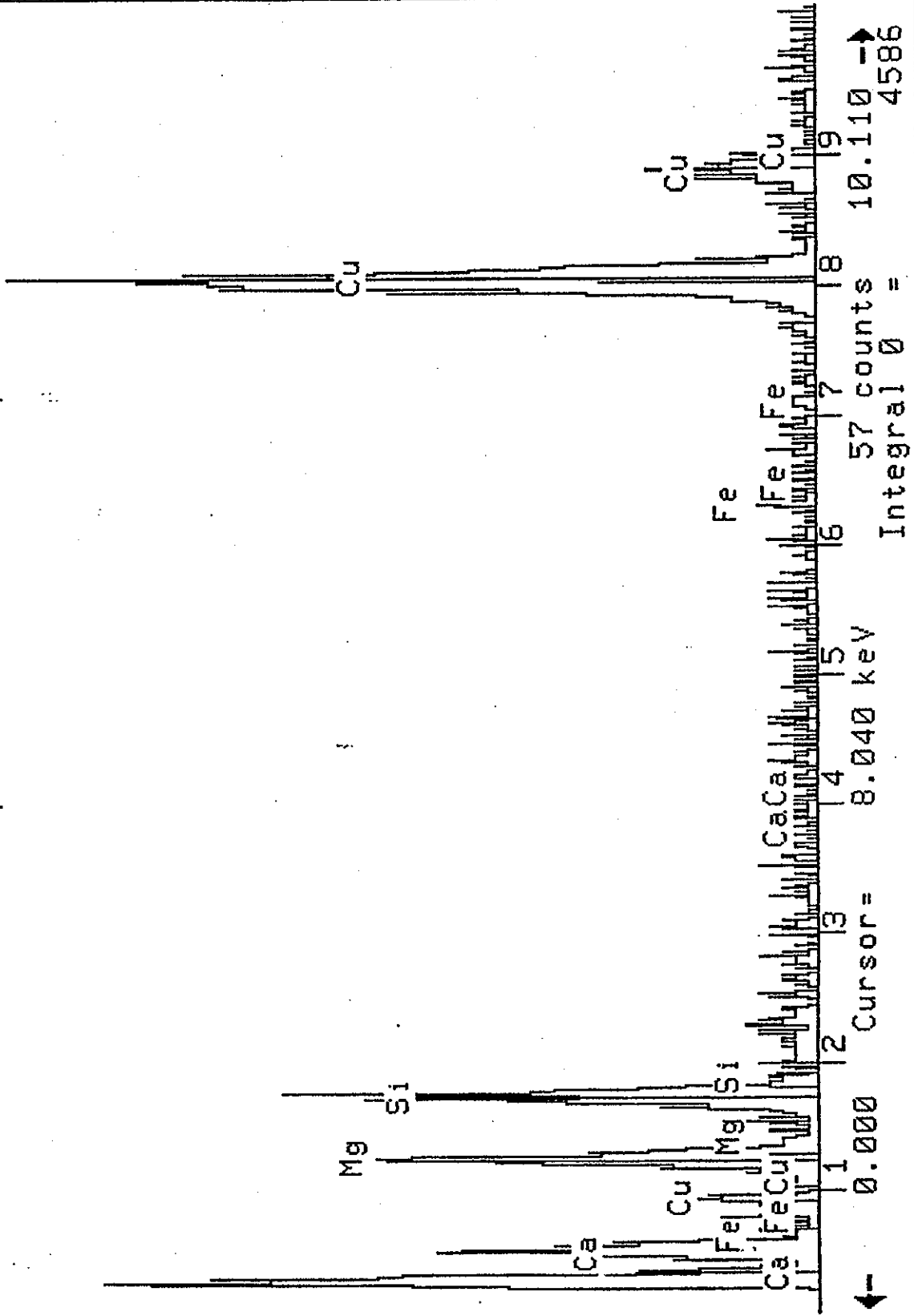
30-Aug-1990 08:36:51

Execution time = 12 second

M2140-13; CHRYSOTILE

Vert= 68 counts Disp= 1

Preset= 100 secs
Elapsed= 35 secs



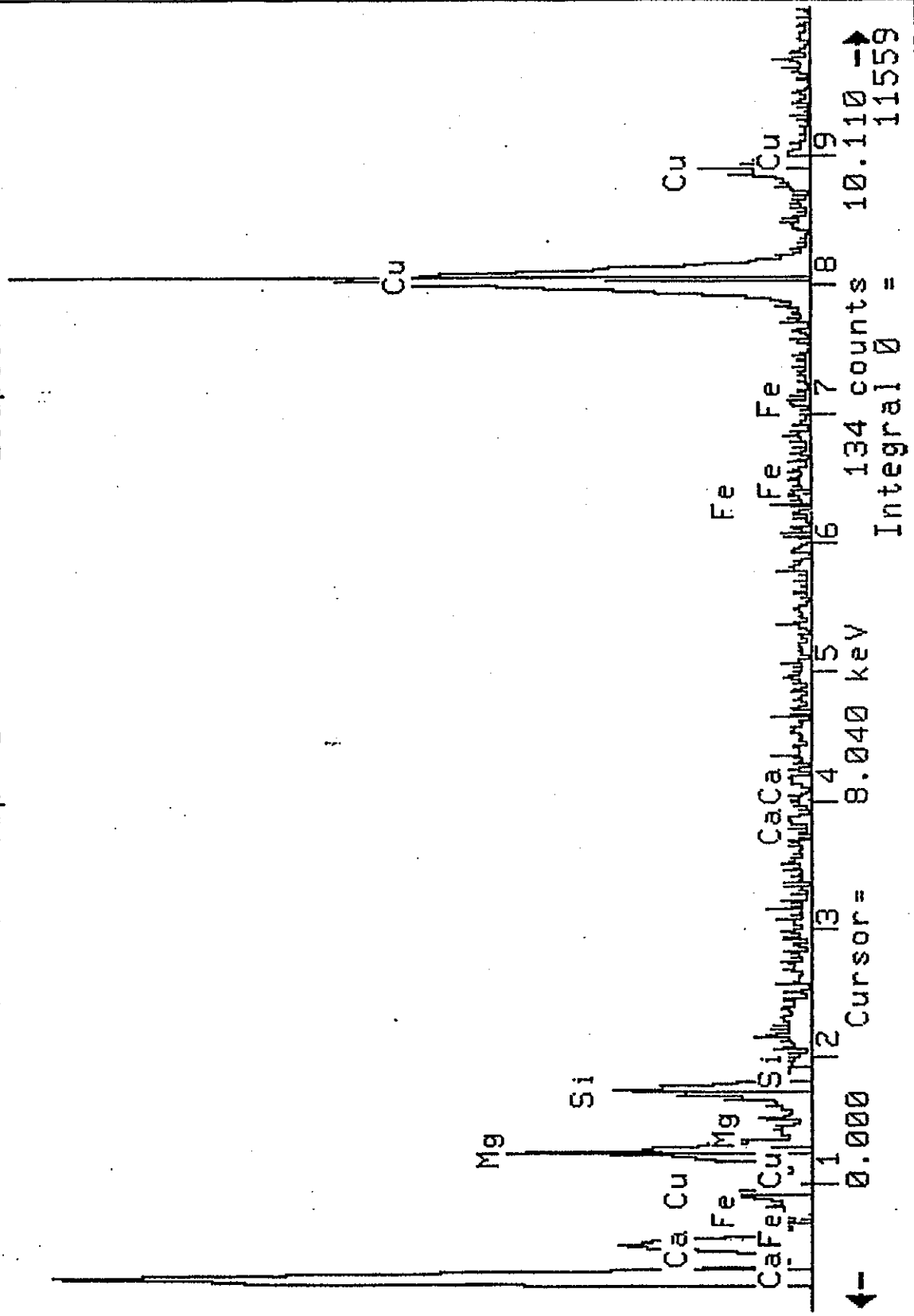
30-Aug-1990 08:43:03

Execution time = 12 second

M2140-13; CHRYSOTILE

Vert= 232 counts Disp= 1

Preset= 100 secs
Elapsed= 53 secs



MATERIALS ANALYTICAL SERVICES, INC.
DUST SHEET

PAGE # 1Client: LAW ASSOC/ KENNESAWAccelerating Voltage: 100 KVSample ID: #14Indicated Mag: 20 -25KXScreen Mag: 154/4 20KXMAS Job Number: M 2140-14Microscope Number: 1 2 3Filter Type: MCE, PC, Other =Date Sample Analyzed: 8 - 30 - 90Filter Size: 25mm, 37mm, 47Number of Openings/Grids Counted: 101 2Filter Pore Size (um): 0.22Grid Accepted, 600X: Yes No 590Grid Opening: 1) 91 um x 0Analyst: Al Harrison2) 87 um x 96Dilution Factor: 1: 50Calculating Results For Verbal Issue:

Effective Filter Area:

(A) 1339

Number of Grid Openings Examined:

(B) 10

Average Grid Opening Area in sq. mm:

(C) 0.007965

Volume of Liquid Filtered in ml:

(D) 2.0

Area Sampled in Sq. Ft.:

(E) 1

Number of Asbestos Structures Counted:

(F) 62STRUCTURES PER SQ. FT. FORMULA:

$$\frac{A}{B} \cdot \frac{C}{D} \cdot \frac{100}{E} \cdot F = (\text{asbestos structures per sq. ft.})$$

Calculations:

$$\frac{1339}{10} \cdot \frac{0.007965}{2.0} \cdot \frac{100}{1} \cdot 62 = 51.211 \times 10^3$$

CLIENT: LAW ASSOC/ KENNEDYPAGE # 214MAS JOB NUMBER: M-240-14

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
1	1-1	C	F	8.5	0.1	—	—	PO
2		C	F	1.2	0.1	—	—	
3		C	F	2.0	0.1	—	—	
4		C	F	4.8	0.1	—	—	
5		C	F	2.5	0.1	—	—	
6		C	F	2.8	0.1	—	—	
7		C	F	8.5	0.1	—	—	
8	1-2	C	F	2.0	0.1	—	—	
9		C	F	2.8	0.1	—	—	
10		C	F	5.5	0.1	—	—	PO
11		C	F	5.8	0.1	—	—	
12	1-3	C	F	2.5	0.1	—	—	
13		C	C	3.0	1.5	—	—	
14		C	M	3.8	2.5	—	—	
15		C	F	6.5	0.1	—	—	
16	1-4	C	F	2.5	0.1	—	—	
17		C	F	3.0	0.1	—	—	
18		C	F	1.2	0.1	—	—	
19		C	F	2.0	0.1	—	—	
20		C	F	2.5	0.1	—	—	PO
21		C	F	2.8	0.1	—	—	
22		C	F	1.8	0.1	—	—	
23	1-5	C	F	2.0	0.1	—	—	
24		C	F	1.0	0.1	—	—	
25		C	F	3.0	0.1	—	—	
26		C	F	2.5	0.1	—	—	
27		C	F	4.5	0.1	—	—	
28		C	F	1.8	0.1	—	—	
29	2-1	C	F	2.5	0.1	—	—	
30		C	B.	2.5	0.2	—	—	PO

CLIENT: LAW ASSOC/ KENNEDYPAGE # 314MAS JOB NUMBER: M-240-14

STR. #	GRID # SQUARE #	TYPE C, A	STRUCTURE F, B, C, M, N	LENGTH MICRONS	WIDTH MICRONS	CONFIRMATION		
						MORPH.	SAED.	EDS.
31	2-1 cont	C	B	3.0	0.2	—	—	
32		C	B	5.5	0.3	—	—	
33		C	F	3.5	0.1	—	—	
34		C	F	5.0	0.1	—	—	
35	2-2	C	F	8.0	0.1	—	—	
36		C	C	4.0	2.0	—	—	
37		C	F	4.5	0.1	—	—	
38		C	F	2.0	0.1	—	—	
39		C	F	1.5	0.1	—	—	
40	2-3	C	F	6.0	0.1	—	—	PO
41		C	F	5.5	0.1	—	—	
42		C	F	2.8	0.1	—	—	
43		C	F	2.2	0.1	—	—	
44		C	F	4.5	0.1	—	—	
45	2-4	C	F	3.0	0.1	—	—	
46		C	F	2.2	0.1	—	—	
47		C	F	6.5	0.1	—	—	
48		C	F	6.8	0.1	—	—	
49		C	F	2.8	0.1	—	—	PO
50		C	F	4.5	0.1	—	—	
51	2-5	C	F	12.0	0.1	—	—	
52		C	F	2.5	0.1	—	—	
53		C	F	6.5	0.1	—	—	
54		C	F	7.5	0.1	—	—	
55		C	F	3.5	0.1	—	—	
56		C	F	2.2	0.1	—	—	
57		C	F	6.0	0.1	—	—	
58		C	F	2.2	0.1	—	—	
59		C	F	4.0	0.1	—	—	
60		C	B	2.5	0.2	—	—	PO

[illegible]

